

# COMPUTER SYSTEMS RESEARCH

## Code Writeup of your program, example report form 2009-2010

1. Your name: Sam Rush, Period: 4
2. Date of this version of your program: 1/23/10
3. Project title: Machine Learning of the College Admissions Process
4. Describe how your program runs as of this version.

My code consists of the Destinations website and the machine learning part. The destinations site, as far as this project is concerned, is completely done and works perfectly. The machine learning part currently can predict whether or not you will get into a college based on your GPA and SAT. For UVA, this works pretty well (let's face it they only care about GPA).

The first two files are located on my TJ web-docs and are used in the first stage of transferring data from TJ to my home server. Once I get mysql on my web-docs, I might host this on my web-docs. The rest of the files are currently located on my server. After page 5, all the code deals with the actual destinations website, which is a crucial part of my project but is not *algorithmically* complex and is probably really boring to read.

All current code runs perfectly (for what it's currently intended to do) and deals with errors correctly, so I will leave that out of all my descriptions.

### project/migrate\_apps.php (tj)

*Takes information in the database about prior students and outputs it in an easily parseable format for my home server.*

```
<?php
$fh=fopen("apps.csv","w");
$apptypes=array("1"=>"RD", "2"=>"EA", "3"=>"ED", "4"=>"Rolling");
$outcomes=array("1"=>"Applied", "2"=>"Accepted", "3"=>"Rejected", "4"=>"Deferred", "5"
=>"Waitlisted", "6"=>"Attending");
mysql_connect('mysql','college','cpwd0711');
mysql_select_db('college');
$year=2007;
$people=array();
$query="SELECT id, username FROM college_users_07 WHERE verified=1;";
$result=mysql_query($query);
while(list($id,$user) = mysql_fetch_row($result)){

$people[$id]=array($user, array());

$query="SELECT dest_id, type_id, outcome_id FROM college_decisions_07 WHERE
id=' $id';";
$result2=mysql_query($query);
while(list($dest,$type,$outcome)=mysql_fetch_row($result2)){
list($college)=mysql_fetch_row(mysql_query("SELECT name FROM college_destinations
WHERE dest_id = '$dest';"));
$people[$id][1][]=array($college,$apptypes[$type],$outcomes[$outcome]);
}
}
#echo "<table border=0>";
foreach($people as $id=>$person){
$app=$person[1];
foreach($app as $app){
fwrite($fh,$person[0],$app[0],$app[1],$app[2]."\n");
}
}
}
```

```

fclose($fh);
# if (!($person[2]=="&&$person[3]==""))
# echo "\$queries[]=\nINSERT INTO user (Year, Name, TJID, GPA, SAT24C) VALUES
(' $year', '$person[1]', '$person[0]', '$person[2]', '$person[3]');\n";

```

?>

### project/migrate\_apps.php (tj)

*Takes information in the database about students' applications and outputs it in an easily parseable format (CSV) for my home server.*

```

<?php
$fh=fopen("apps.csv","w");
$apptypes=array("1"=>"RD", "2"=>"EA", "3"=>"ED", "4"=>"Rolling");
$outcomes=array("1"=>"Applied", "2"=>"Accepted", "3"=>"Rejected", "4"=>"Deferred", "5"=>"Waitlisted", "6"=>"Attending");
mysql_connect('mysql', 'college', 'cpwd0711');
mysql_select_db('college');
$year=2007;
$people=array();
$query="SELECT id, username FROM college_users_07 WHERE verified=1;";
$result=mysql_query($query);
while(list($id,$user) = mysql_fetch_row($result)){

$people[$id]=array($user, array());

$query="SELECT dest_id, type_id, outcome_id FROM college_decisions_07 WHERE
id=' $id' ";
$result2=mysql_query($query);
while(list($dest,$type,$outcome)=mysql_fetch_row($result2)){
list($college)=mysql_fetch_row(mysql_query("SELECT name FROM college_destinations
WHERE dest_id = '$dest'"));
$people[$id][1][]=array($college,$apptypes[$type],$outcomes[$outcome]);
}
}
# echo "<table border=0>";
foreach($people as $id=>$person){
$app=$person[1];
foreach($app as $app){
fwrite($fh,"$person[0],$app[0],$app[1],$app[2]\n");
}
}
fclose($fh);
# if (!($person[2]=="&&$person[3]==""))
# echo "\$queries[]=\nINSERT INTO user (Year, Name, TJID, GPA, SAT24C) VALUES
(' $year', '$person[1]', '$person[0]', '$person[2]', '$person[3]');\n";

```

?>

### project/gpa.php

*Lists all the GPAs that the program has access to for a given year. I use this file to give me data in order to construct a function of best fit to transform a pre-FAIRGRADE GPA into a FAIRGRADE GPA, which is crucial to comparing previous years' data to current and future years.*

```

<?php
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('college');
$result=mysql_query("SELECT GPA FROM user WHERE Year =
2010 AND GPA>0 ORDER BY GPA DESC;");
$i=0;
while(list($gpa)=mysql_fetch_row($result)){
# if ($i%6==0)
echo "$gpa<br>\n";
$i++;
}

```

### project/input\_apps.php

*This file is used to transfer application data from the senior destinations sites of 2007, 2008, and 2009 and put them into a common database.*

```
<?php
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('college');

$colleges=array();
$colleges2=array();
$result=mysql_query("SELECT code, name FROM colleges;");
while(list($code, $name)=mysql_fetch_row($result))
$colleges[$name]=$code;
$users=array();
$result=mysql_query("SELECT ID, TJID FROM user WHERE Year='2007';");
while(list($id, $user)=mysql_fetch_row($result))
$users[$user]=$id;
$fh=fopen('apps.csv', 'r');
while($app=fgetcsv($fh){
$user=$app[0];
$college=$app[1];
$apptype=$app[2];
if($apptype=="") $apptype="RD";
$outcome=$app[3];
if(!array_key_exists($user, $users)) continue;
if(!array_key_exists($college, $colleges) || $college=="") continue;
#if(!in_array($app[1], $users)) echo "User<br>";
if($outcome=="Deferred" || $outcome=="Applied") $decision="NULL";
else $decision="" $outcome";
$deferred=($outcome=="Deferred"?1:0;
$query="INSERT INTO applications (User, Code, College, AppType, Deferred,
Decision) VALUES ($users[$user], \"'$colleges[$college]'\", \"'$college'\",
'$apptype', $deferred, $decision);";
echo "$query<br>\n";
mysql_query($query);
}
fclose($fh);
```

### project/learning/gpa.php

*This file takes the previous years' gpa data for applications to a given college and constructs a neural network which should output a rough probability that a student will get in ignoring all other factors. It currently outputs the probability for a range of GPAs, but it will be integrated with input data when the entire learning process is done.*

```
<?
$X0=1;
srand((double)microtime()*1000000);
$w0=rand(0, 1000000)/1000000.0;
$w1=rand(0, 1000000)/1000000.0;
$w0=10;
$w1=3.65;
$outcomes=array("Waitlisted"=>0, "Accepted"=>1, "Attending"=>1, "Rejected"=>0);
$inputs=array();
$outputs=array();
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('college');
$query="SELECT user.SAT, user.GPA, applications.Decision FROM applications JOIN
user ON (applications.User = user.ID) WHERE applications.Code='75' AND user.SAT IS
NOT NULL AND user.SAT>0 AND user.GPA IS NOT NULL AND user.GPA != 0 AND
applications.Decision IS NOT NULL;";
$result=mysql_query($query);
echo "<table border=0>";
while(list($sat, $gpa, $decision)=mysql_fetch_row($result)){
#echo "<tr><td>$gpa</td><td>$outcomes[$decision]</td></tr>\n";
$inputs[]=$gpa;
$outputs[]=$outcomes[$decision];
}
flush();
function activation($a){
```

```

return 1.0/(1.0+exp(-$a));
}

function feedforward($x1, $w0, $w1) {
global $x0;
$y=1/(1+exp($w0*( $w1- $x1)));
$z=10*$y- 5;
$z=activation($z);
return $z;
}

function error($w0, $w1) {
global $inputs, $outputs;
$err=0;
foreach($inputs as $key=>$input) {
$stemp=pow($outputs[$key]- feedforward($input, $w0, $w1), 2);
#echo " $stemp<br>\n";
$err+=$stemp;
}
return $err;
#return 0.5*(pow(feedforward(1, $w0, $w1), 2)+pow(1- feedforward(0, $w0, $w1), 2));
}

echo "Began with w0=$w0, w1=$w1<br>";

$c=. 8;
$dw=. 02;
for($n=0; $n<2000; $n++) {
$e0=error($w0, $w1);
echo " $e0, $w0, $w1<br>\n";
$ey=error($w0+$dw, $w1);
$ex=error($w0, $w1+$dw);
$w0-=$c*( $ey- $e0);
$w1-=$c*( $ex- $e0)/30;
}

echo "Ended with w0=$w0, w1=$w1<br>";

echo error(14, $w1);
echo error($w0, $w1);

for($i=0. 0; $i<5. 0; $i +=. 1) {
$out=feedforward($i, 7, $w1);
echo " <tr><td>$i</td><td>$out</td></tr>\n";
}

```

### project/learning/sat. php

*This file takes the previous years' SAT data for applications to a given college and constructs a neural network which should output a rough probability that a student will get in ignoring all other factors. It currently outputs the probability for a range of GPAs, but it will be integrated with input data when the entire learning process is done.*

```

<?
$x0=1;
srand((double)microtime()*1000000);
$w0=rand(0, 1000000)/1000000. 0;
$w1=rand(0, 1000000)/1000000. 0;
$w0=. 0002;
$w1=1900;
$outcomes=array("Waitlisted"=>0, "Accepted"=>1, "Attending"=>1, "Rejected"=>0);
$inputs=array();
$outputs=array();
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('college');
$query="SELECT user.SAT, user.GPA, applications.Decision FROM applications JOIN

```

```

user ON (applications.User = user.ID) WHERE applications.Code='75' AND user.SAT IS
NOT NULL AND user.SAT>0 AND user.GPA IS NOT NULL AND user.GPA != 0 AND
applications.Decision IS NOT NULL;";
$result=mysql_query($query);
echo "<table border=0>";
while(list($sat, $gpa, $decision)=mysql_fetch_row($result)){
#echo "<tr><td>$gpa</td><td>$outcomes[$decision]</td></tr>\n";
$inputs[]=$sat;
$outputs[]=$outcomes[$decision];
}
flush();
function activation($a){
return 1.0/(1.0+exp(-$a));
}

function feedforward($x1, $w0, $w1){
global $x0;
$y=1/(1+exp($w0*( $w1- $x1)));
$z=10*$y-5;
$z=activation($z);
return $z;
}

function error($w0, $w1){
global $inputs, $outputs;
$error=0;
foreach($inputs as $key=>$input){
$temp=pow($outputs[$key]-feedforward($input, $w0, $w1), 2);
#echo "$temp<br>\n";
$error+=$temp;
}
return $error;
#return 0.5*(pow(feedforward(1, $w0, $w1), 2)+pow(1-feedforward(0, $w0, $w1), 2));
}

echo "Began with w0=$w0, w1=$w1<br>";

$c=.8;
$dw=.1;
for($n=0; $n<2000; $n++){
$e0=error($w0, $w1);
echo "$e0, $w0, $w1<br>\n";
$ey=error($w0+$dw, $w1);
$ex=error($w0, $w1+$dw);
$w0-=$c*( $ey- $e0)/10000;
$w1-=$c*( $ex- $e0)*10;
}

echo "Ended with w0=$w0, w1=$w1<br>";

echo error(14, $w1);
echo error($w0, $w1);

for($i=1900; $i<2400; $i+=20){
$out=feedforward($i, $w0, $w1);
echo "<tr><td>$i</td><td>$out</td></tr>\n";
}
-----Begin Destinations Site Code-----

```

**.htaccess**  
*In case you are unfamiliar, .htaccess is a file which you can use to communicate with your apache installation to provide directory-specific instructions. The only command I currently have in .htaccess is used to make sure that when you put a directory in the URL, it displays index.php and doesn't display a list of all files in the directory.*

Options -Indexes

### home.php

*This is the file which displays the body of the home page or landing page for the destinations website.*

```
<?php
include('libraries/lib.php');
makeheader('Senior Destinations');
?>
Welcome to Senior Destinations 2010. This is intended to be a resource:
<ul>
<li>for the class of 2010 to share its achievements and destinations.</li>
<li>for other classes as they prepare to apply for college.</li>
</ul>
<p>If you are a student at TJHSST, you can <a href="/auth/login.php">log in</a> or
<a href="/auth/signup.php">register</a>. If you're a senior, you can then use the
"My Info" menu at the top to enter your information. <br>
```

```
<p>Unfortunately, the TJ administration decided last year that they would not
allow the senior destinations site to be hosted on the TJ website. That also means
that I am not able to utilize intranet logins like the site from 2 years ago did.
While this unfortunately means that registration is required, I tried to make the
process as painless as possible. New features (such as sorts, searches, magic)
will be added after I finish college apps.
```

Special thanks go out to the following people:

```
<ul>
<li>Long Ouyang for unknowingly letting me steal some CSS from the 2006 senior
destinations site.
<li>My friends for advising me on what content to include
<li>FCPS for cancelling school before winter break, allowing me to have time to
code this.
```

```
</ul>
```

```
<br>
```

**Recent News:** There are now sorts! All hyperlinks in column headers will sort by that column

```
<?php
if(IEBrowser())
echo "<font color='#C50000'>Disclaimer: This site probably doesn't display well on
internet explorer, so please join us in the year 2010 and <a
href='http://www.mozilla.com/en-US/firefox/personal.html'>download
firefox</a></font>.";
makefooter();
?>
```

### contact.php

*This provides a nice little page where people can contact me without actually providing my email. If the user is logged in, their name is automatically included in the email. Otherwise, I ask for their name.*

```
<?php
session_start();
include('libraries/lib.php');
do if(isset($_POST['submit'])){
$id=$_SESSION['user'];
mysql_connect('localhost','Physics',$dbpass);
mysql_select_db('destinations');
if($_SESSION['auth']=="1"){list($first,$last)=mysql_fetch_row(mysql_query("SELECT
First, Last FROM user WHERE ID='$id'")); $name="$first $last";}
else {$name=$_POST['name'];}
if($_POST['email']=="" || $_POST['body']==""){
makeheader('Senior Destinations: Contact the Webmaster');
echo "<font size=1 color=red>Error: Not all fields filled out.</font><br>";break;
}
$email=$_POST['email'];
$subject="Senior Destinations: $name";
$body="Email: $email

$_POST[body]";
```

```

$headers = "From: \"Sam Rush\" <srush013@gmail.com> \r\n";
$headers .= "To: \"Sam Rush\" <srush013@gmail.com>";
if(mail('', $subject, $body, $headers)){
makeheader('Senior Destinations: Contact');
echo "Message sent successfully.";
}
} while(false);
if(!isset($_POST['submit']))
{makeheader('Senior Destinations: Contact');
echo "If you encounter an error or need other help, use the form below to contact
me.";
echo "<form method=post action='$_SERVER[PHP_SELF]'><table border=0>";
if($_SESSION['auth']!="1")echo "<tr><td>Name: </td><td><input type=text
name='name'></td></tr>";
echo "<tr><td>Your Email: </td><td><input type=text name=email></td><br></tr>
<tr><td>Message: </td><td><textarea name='body' rows=5
cols=50></td></tr><tr><td>&nbsp;</td><td><input type=submit name=submit
value=Submit></td></tr></table></form>";}
?>

```

### index.php

*Redirects to home.php so that you don't have to type it all in the URL bar.*

```

<?php
session_start();
#if(!isset($_SESSION['user']))
#header('Location: auth/login.php');
#else
header('Location: home.php');
?>

```

### libraries/ajax.js

*Contains the javascript necessary for use of AJAX, a language which will allow communication between the client and server after the page loads.*

```

function getHTTPObject(){
if (window.ActiveXObject)
return new ActiveXObject("Microsoft.XMLHTTP");
else if (window.XMLHttpRequest)
return new XMLHttpRequest();
else {
alert("Your browser is terrible and is not supported by this site.");
return null;
}
}

function executePHP(file){
httpObject = getHTTPObject();
if (httpObject != null) {
httpObject.open("POST", file, true);
httpObject.send(null);
httpObject.onreadystatechange = setOutput;
}
}

function setOutput(){
if(httpObject.readyState == 4){
var response=httpObject.responseText;
if(response == "updatecoaches.php")alert('Uh oh, the calculated number of teams
does not match the number of teams indicated by coaches.csv');
}
}
}

```

### libraries/functions.js

*Contains all the necessary javascript functions for the website - mainly the operation of the pulldown menu under "My Info."*

```

var menutimeout = 50;

```

```

var closetimer = 0;
function hidemenu(){
document.getElementById('dropmenu').style.visibility='hidden';
document.getElementById('dropmenu').style.display='none';
}
function showmenu(){
cancelhidemenu();
document.getElementById('dropmenu').style.visibility='visible';
document.getElementById('dropmenu').style.display='';
}
function hidemenutime(){
closetimer = window.setTimeout(hidemenu, menutimeout);
}
function cancelhidemenu(){
if(closetimer){
window.clearTimeout(closetimer);
closetimer=null;
}
}
function alertprogram(){
alert("If you were asked to apply to a specific college or program within the
university, such as UVA's College of Arts and Sciences, Duke's Pratt School of
Engineering, UPenn's Wharton School of Business, etc., please specify that
here.");
}

```

### libraries/style.css

*This contains most of the cascading style sheets that I use to make the site look nice.*

```

BODY {
    margin: 0;
    padding: 0;
}

/***** sidebar*/

.sidebar {
    background-color: #000066;
    border: none;
    top: 100px;
    height: 20px;
    width: 100%;
    text-indent: 10px;
    float: left;
    position: absolute;
    z-index: 2;
}

.sidebar A {
    padding: 2px;
    padding-left: 4px;
    padding-right: 4px;
    font-weight: normal;
}

.sidebar A:link {
    text-decoration: none;
    color: white;
    font-family: Verdana;
    font-size: 8pt;
}

.sidebar A:visited {
    text-decoration: none;
    color: white;
    font-family: Verdana;
    font-size: 8pt;
}

```

```

}
. sidebar A: hover {
    background-color: #AA0000;
}
/***** dropdown */
.dropdown {
    background-color: #AA0000;
    border: none;
    top: 120px;
    height: 55px;
    left: 61px;
    width: 180px;
    text-indent: 0px;
    float: left;
    position: absolute;
    z-index: 2;
}
.dropdown A {
    padding: 0px;
    padding-left: 4px;
    padding-right: 4px;
    font-weight: normal;
}
.dropdown A: link {
    text-decoration: none;
    color: white;
    font-family: Verdana;
    font-size: 8pt;
}
.dropdown A: visited {
    text-decoration: none;
    color: white;
    font-family: Verdana;
    font-size: 8pt;
}
.dropdown A: hover {
    background-color: #000066;
}
/***** content */
.content {
    top: 125px;
    margin-left: 2%;
    padding-bottom: 3%;
    width: 98%;
    position: absolute;
    z-index: 1;
}
/***** banner */
.banner {
    height: 100px;
    background-color: #000000;
    layer-background-color: #000000;
    z-index: 1;
    visibility: visible;
    /*background: url(/libraries/image.php);*/
    /*background: url(/images/banner3.png);*/
    width: 100%;
    background-repeat: no-repeat;
}

```

```
position: absolute;
overflow: hidden;
background-position: center;
}
```

```
.title {
position: relative;
left: 60%;
text-align: right;
width: 30%;
font-weight: bold;
font-family: trebuchet ms;
font-size: 14pt;
}
```

```
/****** statusbar */
```

```
.status {
font-family: Verdana;
font-size: 8pt;
position: absolute;
width: 99%;
top: 85px;
z-index: 4;
text-align: right;
}
```

```
.status A {
font-size: 8pt;
text-decoration: none;
}
```

```
.status A:Active {
color: white;
}
```

```
.status A:visited {
color: blue;
}
```

```
.status A:Hover {
text-decoration: underline;
}
```

```
table.apps {
border-width: 3px 3px 3px 3px;
border-spacing: 0px;
border-style: solid solid solid solid;
border-color: black black black black;
background-color: #FFFFFF;
color: #000000;
table-layout: fixed;
border-collapse: <?php echo IEBrowser()?"collapse":"separate"?>;
empty-cells: show;
font-size: 10pt;
}
```

```
table.apps th {
border-width: 0px 1px 0px 1px;
padding: 1px 4px 1px 4px;
empty-cells: show;
border-style: solid solid solid solid;
border-color: black black black black;
-moz-border-radius: 0px 0px 0px 0px;
}
```

```
table.apps td {
border-width: 2px 0px 0px 0px;
```

```

        empty-cells: show;
        padding: 1px 4px 1px 4px;
        border-style: solid solid solid solid;
        border-color: black black black black;
        -moz-border-radius: 0px 0px 0px 0px;
    }
    table.studentlist {
        border-width: 0px 0px 0px 1px;
        border-spacing: 0px;
        border-style: solid solid solid solid;
        border-color: black black black black;
        background-color: #FFFFFF;
        color: #000000;
        border-collapse: <?php echo IEBrowser()?"collapse":"separate"?>;
        empty-cells: show;
        font-size: 10pt;
    }
    table.studentlist td {
        border-width: 0px 0px 0px 0px;
        empty-cells: show;
        padding: 1px 4px 1px 4px;
        border-style: solid solid solid solid;
        border-color: black black black black;
        -moz-border-radius: 0px 0px 0px 0px;
    }
}

```

### libraries/secureVars.php

*This file exists solely to hold the secure site information (the database password) in one file.*

```

<?php
$dbpass= !!!!CENSORED!!!!
?>

```

### libraries/lib.php

This is THE file which does most of the work for the site. Almost every other php file includes this file, as it includes some common functions and variables as well as the header and footer for every page. The college\_array function returns a map of college IDs to college names. The destretch function prevents people from "stretching the page" by putting in a really long word (usually a string of @s) in their honors/extracurriculars section.

```

<?php
include("secureVars.php");
include("banner.php");
$sitepath="/";
$siteurl="tjphys.com";
$authURL="/auth/";
function makeheader($title){
global $dbpass,$BANNER;
session_start();
$insecurepages=array("/home.php","/contact.php");
if(!isset($_SESSION['auth']) && !strpos($_SERVER[PHP_SELF],"auth/") &&
!in_array($_SERVER[PHP_SELF],$insecurepages))
header('Location: /auth/login.php');
echo "<title>$title</title>\n";
echo "<link rel='stylesheet' href='/libraries/style.css' />";
<script src='/libraries/functions.js' >>/script>
<script src='/libraries/sorttable.js' >>/script>
<body>
<div class='banner' style='background: url($BANNER);width: 100%;
background-repeat: no-repeat;
position: absolute;
overflow: hidden;
background-position: center;
'>";

#echo "<center><img src='/images/banner2.png' >>/center>";

```

```

flush();

echo "

";#<img src=' http://activities.tjhsst.edu/forensics/index_files/image463.jpg'
height=100px>
echo "</div>
";

echo "<div class=' sidebar' >
<a href='/'>Home</a> | ";
if($_SESSION['auth']==1){
if($_SESSION['grade']==12) echo "<a href='javascript:' onMouseOver=' showmenu();'
onMouseOut=' hideMenu();'>My Info</a> | ";
echo "<a href=' /display/students.php'>Students</a> |
<a href=' /display/colleges.php'>Colleges</a> |
<a href=' /display/destinations.php'>Destinations</a> |
<a href=' /contact.php'>Contact</a> |
<a href=' /auth/logout.php'>Logout</a>";
}
else
echo "<a href=' /contact.php'>Contact</a> |
<a href=' /auth/login.php'>Log in";

echo "

</div>
<div class=' dropdown' id=' dropdown' style=' visibility: hidden; display: none;'
onMouseOver=' cancel hideMenu();' onMouseOut=' hideMenu();' >
<a href=' /edit/personalinfo.php'>Edit Personal Information</a><br>
<a href=' /edit/SAT2.php'>Edit SAT2 Scores</a><br>
<a href=' /edit/AP.php'>Edit AP Scores</a><br>
<a href=' /edit/colleges.php'>Edit Colleges</a><br>
</div>
<div class=' content' >
\n";
#echo "<font color=red size='-1'>Attention: If you entered information between
7:18 and 7:34 PM, it was not recorded. Next time I do maintenance I will put a
warning up. I apologize for the inconvenience.</font><br>\n";
}
function makefooter(){
echo "</div></body>";
}
function IEBrowser()
{
if (isset($_SERVER['HTTP_USER_AGENT']) &&
(strpos($_SERVER['HTTP_USER_AGENT'], 'MSIE') !== false))
return true;
else
return false;
}
function college_array(){
global $dbpass;
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('destinations');
$query="SELECT code, name FROM colleges ORDER BY name;";
$result=mysql_query($query);
$colleges=array();
while(list($code,$name)=mysql_fetch_row($result))
$colleges[$code]=$name;
return $colleges;
}
function destretch($text,$id){
return $text;
$x=explode(" ", $text);
foreach($x as $key=>$snippet){

```

```

if(strlen($snippet)>=25 && strpos("<br />", $snippet)==false) $x[$key]="";
}
if($id=='1')
return $text;
return implode(" ", $x);
}
function destretch2($text, $id){
global $_SESSION;
$x=explode(" ", $text);
foreach($x as $key=>$snippet){
if(strlen($snippet)>=25 && strpos("\n", $snippet)==false) $x[$key]="";
}
if($id=='1')
return $text;
return implode(" ", $x);
}
?>

```

### images/

*This is the folder which contains the various banner images that I can use.*

### edit/addcollege.php

*This page allows the user to add a college that they applied to. It's basically just a form with various inputs which submits to itself. When the page receives post data, it uses the submitted information to put the application into the database.*

```

<?php
include('../libraries/lib.php');
session_start();
if($_SESSION[grade]!=12)header('Location: /');
$colleges=college_array();
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('destinations');
$id=$_SESSION['user'];

do if(isset($_POST['submit'])){
$college=$_POST['college'];
if($college==0){
$college2=$_POST['college2'];
if($college2==""){makeheader("Senior Destinations: Add a College");
echo"<font size='+2' color=red>Error in submission.</font><br>\n";
break;}

$query="INSERT INTO colleges (name) VALUES ('$college2)";
if(!mysql_query($query))echo $query;
$college=mysql_insert_id();
$colleges[$college]=$college2;
}
$result=mysql_query("SELECT * FROM applications WHERE User='$id' AND
Code='$college'");
if(mysql_num_rows($result)>0){makeheader("Senior Destinations: Add a College");
echo"<font size='+2' color=red>Error in submission.</font><br>\n";
break;}

$type=$_POST['type'];
$subcollege=$_POST['subcollege'];

$subyear=$_POST['subyear'];
$submonth=$_POST['submonth'];
$subday=$_POST['subday'];
if($submonth>12){$subday=$submonth;$submonth=$_POST['subday'];}
if(strlen($subyear)==2)$subyear="20".$subyear;
if(strlen($subday)==1)$subday="0".$subday;
if(strlen($submonth)==1)$submonth="0".$submonth;
$submitted=""$subyear-$submonth-$subday";
if($subyear==" || $submonth =="" || $subday ==")$submitted="NULL";

```

```

$notyear=$_POST['notyear'];
$notmonth=$_POST['notmonth'];
$notday=$_POST['notday'];
if($notmonth>12){$notday=$notmonth;$notmonth=$_POST['notday'];}
if(strlen($notyear)==2)$notyear="20".$notyear;
if(strlen($notday)==1)$notday="0".$notday;
if(strlen($notmonth)==1)$notmonth="0".$notmonth;
$notified=""$notyear-$notmonth-$notday";
if($notyear==" || $notmonth =="" || $notday ==") $notified="NULL";

$legacy=$_POST['legacy'];
if(!isset($_POST['legacy']))$legacy="NULL";
$interview=$_POST['interview'];
if(!isset($_POST['interview']))$interview="NULL";
$recruited=$_POST['recruited'];
$supplement=$_POST['supplement'];
$defer=(($_POST['defer']=="on")?"1":"0");
$decision=""$_POST[decision]";
if($decision==" Clear")$decision="NULL";
$collegename=$colleges[$college];
$comments=$_POST['comments'];
$query="INSERT INTO applications (User, Code, College, Subcollege, AppType,
Deferred, Decision, Submitted, Notified, Legacy, Interview, Recruitment,
Supplement, Comments)
VALUES ('$id', '$college', '$collegename', '$subcollege', '$stype', '$defer',
$decision, $submitted, $notified, $legacy, $interview, $recruited',
'$supplement', '$comments');";
#mysql_query($query);
#echo $query. "\n<br>";
if(mysql_query($query))header('Location: colleges.php');
makeheader("Senior Destinations: Add a College");
echo "<font size=' +2' color=red>Error in submission. </font><br>\n";
} while(false);
if(!isset($_POST['submit'])) makeheader("Senior Destinations: Add a College");
#$honors=stripashes($honors);
echo "<font size='-1' color=red>Sorry guys, the 'Other' option should work
now. </font><br>\n";
echo "
<script type='text/javascript'>
function togglecollege2(){
var x=document.getElementById("\college\");
var y=x.options[x.selectedIndex].value;
if(y==0)showcollege2();
else hidecollege2();
}
function hidecollege2(){
document.getElementById('college2').style.display='none';
document.getElementById('college2').style.visibility='hidden';
}
function showcollege2(){
document.getElementById('college2').style.display='';
document.getElementById('college2').style.visibility='';
}
</script>
<noscript style='font-size:xx-large;font-weight:bold;color:red;'>PLEASE ENABLE
JAVASCRIPT FOR THIS SITE. </noscript>
All of the information on this page will be viewable by every registered user on
this site (i.e. everyone at TJ). If you want to hide some information, <i>don't
enter it</i>. However, all of this information will be helpful for future
applicants, so I encourage you to enter everything.
<table>
<form action='$_SERVER[PHP_SELF]' method='post' name='form1'>
<tr><td>College or University: </td><td><select id='college' name=college
onChange='togglecollege2();'>";
foreach($colleges as $code=>$name){
if($college==$name)$selected="selected";

```

```

echo "<option value=' $code' >$name</option> ";
}
#echo college_list();
echo "
<option value=' 0' >Other</option></select> <input type=text size=40 id=' college2'
name=' college2' style=' display: none; visibility: hidden; ' ></td></tr>

<tr><td>Subcollege (if applicable): </td><td><input type=text name=subcollege
size=40 value=' $subcollege' >
<font size='- 1' ><a href=' javascript: alert(program()); ' style=' font-size: 8pt; text-
decoration: none; ' >[?]</a></font></td></tr>
<tr><td>Type of Application: </td><td><select name=' type' >
<option value=' EA' >Early Action</option>
<option value=' ED' >Early Decision</option>
<option value=' RD' selected>Regular Decision</option>
<option value=' Rolling' >Rolling Admission</option>
</select></td></tr>
<tr><td>Date Submitted: </td><td>
Month: <input type=text value=' $submonth' name=' submonth' maxlength=2 size=1>
Day: <input type=text value=' $subday' name=' subday' maxlength=2 size=1>
Year: <input type=text value=' $subyear' name=' subyear' maxlength=4 size=3> <font
size='- 1' >(MM-DD-YYYY) </font>
</td></tr>
<tr><td>Date Notified: </td><td>
Month: <input type=text value=' $notmonth' name=' notmonth' maxlength=2 size=1>
Day: <input type=text value=' $notday' name=' notday' maxlength=2 size=1>
Year: <input type=text value=' $notyear' name=' notyear' maxlength=4 size=3> <font
size='- 1' >(MM-DD-YYYY) </font>
</td></tr>
<tr><td>Legacy? </td><td><input type=radio name=legacy value=1>Yes <input
type=radio name=legacy value=0>No</td></tr>
<tr><td>Were you Interviewed? </td><td><input type=radio name=interview
value=1>Yes <input type=radio name=interview value=0>No</td></tr>
<tr><td>Were you deferred? </td><td><input type=checkbox name=defer
$defer></td></tr>
<td>Decision: </td><td><select name=decision><option value=' Clear' ></option>
<option value=' Attending' >Attending</option>
<option value=' Accepted' >Accepted</option>
<option value=' Rejected' >Rejected</option>
<option value=' Waitlisted' >Waitlisted</option>
</select></td></tr>
<tr><td colspan=2><br></td></tr>

<tr><td colspan=2>If you were recruited, what for? <input type=text name=recruited
value=' $recruited' ></td></tr>
<tr><td colspan=2>If you submitted a supplement, what was it?<br>
<textarea name=supplement cols=30 rows=2>$supplement</textarea></td></tr>
<tr><td colspan=2>Additional comments or information:<br>
<textarea name=comments cols=50 rows=5>$comments</textarea></td></tr>
</table>
<input type=submit name=submit value=' Submit' >
</form>";

makefooter();

?>

```

### edit/ap.php

*Allows the user to edit their AP scores. Submitting a blank or 0 next to a score will delete it from the database.*

```

<?php
include(' .. /libraries/lib.php');
$subjects=array(
"Art History",
"Bi ology",
"Cal cul us AB",
"Cal cul us BC",

```

```

"Chemistry",
"Chinese",
"Computer Science A",
"Computer Science AB",
"English Language",
"English Literature",
"Environmental Science",
"European History",
"French Language",
"French Literature",
"German",
"Government - Comparative",
"Government - U. S. ",
"Human Geography",
"Italian",
"Japanese",
"Latin: Literature",
"Latin: Vergil",
"Macroeconomics",
"Microeconomics",
"Music Theory",
"Physics B",
"Physics C: Mechanics",
"Physics C: E/M",
"Psychology",
"Russian",
"Spanish Language",
"Spanish Literature",
"Statistics",
"Studio Art",
"U. S. History",
"World History"
);
makeheader("Senior Destinations: AP Scores");
if($_SESSION[grade]!=12)echo "Only seniors can use this function. Non-seniors are
welcome to view other students' information but are not able to enter their own.";
else{
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('destinations');
$id=$_SESSION['user'];
if(isset($_POST['submit'])){$shonors=stripslashes($honors);
$scores=array();
for($i=0;$i<count($subjects);$i++)
$scores[$subjects[$i]]=$_POST[$i];
$query="DELETE FROM scores WHERE Type='AP' AND User='$id'";
mysql_query($query);
#print_r($scores);echo "<br>";
foreach($scores as $subject=>$score)
{
if($score==""){continue;}
$query="INSERT INTO scores (User, Type, Subject, Score) VALUES ('$id', 'AP',
'$subject', '$score')";
mysql_query($query);
}
$query="DELETE FROM scores WHERE Type='AP' AND User='$id' AND Score='0'";
mysql_query($query);
echo "<font color=red>Updated. </br></font>";
}
$query="SELECT Subject, Score FROM scores WHERE Type='AP' AND User='$id'";
$result=mysql_query($query);
$scores=array();
while(list($subject, $score) = mysql_fetch_row($result))
$scores[$subject]=$score;
echo "<noscript style='font-size: xx-large; font-weight: bold; color: red; ' >PLEASE
ENABLE JAVASCRIPT FOR THIS SITE. </noscript>
All of the information on this page will be viewable by every registered user on
this site (i.e. everyone at TJ). If you want to hide some information, <i>don't

```

enter it</i>. However, all of this information will be helpful for future applicants, so I encourage you to enter everything.

```
<table>
<form action='$_SERVER[PHP_SELF]' method='post' name='form1'>
<tr style='text-decoration: underline;'><th>Test</th><th>Score</th></tr>;
foreach($subjects as $key=>$subject){
echo "<tr><td>$subject</td><td><input type='text' size='4' name='Skey'
value=' $scores[$subject]'></td></tr>\n";
}
echo "
</table>
<input type='submit' name='submit' value='Update'>
</form>";
}
makefooter();

?>
```

### edit/colleges.php

*Displays all of the users currently submitted applications along with their info and provides buttons to edit, delete, or add colleges.*

```
<?php
include('libraries/lib.php');
makeheader('Senior Destinations: My Colleges');
if($_SESSION[grade]!=12)echo "Only seniors can use this function. Non-seniors are welcome to view other students' information but are not able to enter their own.";
else{
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('destinations');
?>
```

```
<noscript style="font-size: xx-large; font-weight: bold; color: red;">PLEASE ENABLE
JAVASCRIPT FOR THIS SITE. </noscript>
<table cellpadding=4px class="apps">
<tr style="text-weight: bolder; text-size: 16px; text-align: center;"><th
style="border-width: 0px 1px 0px
0px;">Decision</th><th>College</th><th>Program</th><th>App
Type</th><th>Submitted</th><th>Notified</th><th>Legacy?</th><th>Interview?</th><th>
Deferred?</th><th>Recruited?</th><th>Supplement</th><th>Comments</th><th
colspan=3 style="border-width: 0px 0px 0px 1px;">&nbsp;</th></tr>
```

```
<?php
$id=$_SESSION['user'];
$query="SELECT College, Code, Subcollege, AppType, Deferred, Decision, Submitted,
Notified, Legacy, Interview, Recruitment, Supplement, Comments FROM applications
WHERE User=' $id' ORDER BY College;";
$result=mysql_query($query);
while(list($college, $code, $subcollege, $type, $deferred, $decision, $submitted, $notifi
ed, $legacy, $interview, $recruited, $supplement, $comments)=mysql_fetch_row($result)){
if($decision=="")
if($deferred=="1") $decision="Deferred";
else $decision="&nbsp;";
$deferred=($deferred=="1")?$deferred="Yes": $deferred="";
if($legacy=="1") $legacy="Yes";
elseif($legacy=="0") $legacy="No";
else $legacy="";
if($interview=="1") $interview="Yes";
elseif($interview=="0") $interview="No";
else $interview="";
$recruited=($recruited!="")?"Yes": "";
$recruited=html_special_chars($recruited);
$supp=($supplement!="")?"Yes": "";
$comm=($comments!="")?"Yes": "";
```

```
echo "\n<tr id=' $code'><td>$decision</td><td><input type='hidden' name='code'
value=' $code'><a
href='/display/college.php?cid=$code'>$college</a></td><td>$subcollege</td><td>$ty
```

```

pe</td>
<td>$submitted</td><td>$notified</td><td>$legacy</td><td>$interview</td>
<td>$deferred</td><td>$recruit</td><td>$supp</td><td>$comm</td>
<td><form method=post action=editcollege.php><td nowrap><input type=hidden
name='code' value=' $code' ><input type=submit name=' Edit' value=' Edit' ></form></td>
<td><form method=post action=deletecollege.php><td nowrap><input type=hidden
name='code' value=' $code' ><input type=submit name=' Delete'
value=' Delete' ></form></td></tr>";
}
#echo "\n<tr id=$i style=' background-color: $color'; ><form method=post
action=editstudent.php><input name=StudentID type=hidden
value=$StudentID><td>$Last_Name</td><td>$First_Name</td><td style=' text-
align: center; ' >$Gender</td><td style=' text-align:center; ' >$Grade</td><td
style=' text-align:center; ' >$GT</td><td>$Math_Course</td><td><input type=button
name=' Edit' value=' Edit' onclick=' EditToggle("\$i\", \"$j\")'; ' ></td><td><input
type=submit name=' Delete' value=' Delete' ></td></form></tr>";

echo "</table>
<a href=' addcollege.php' style=' font-size: 18px; ' >Add a College</a>";
}
makefooter();
?>

```

### edit/deletecollege.php

*The delete button on colleges.php sends POST data to this file, which will remove the application from the database.*

```

<?php
include('.. /libraries/lib.php');
session_start();
if($_SESSION[grade]!=12)header(' Location: /');
mysql_connect(' localhost', ' Physics', $dbpass);
mysql_select_db(' destinations');
$id=$_SESSION[' user'];
$code=$_POST[' code'];
if($_POST[' Delete']=="Delete"){
$query="DELETE FROM applications WHERE Code=' $code' AND User=' $id';";
mysql_query($query);}

```

```

header(' Location: colleges.php');
?>

```

### edit/editcollege.php

*The edit button on colleges.php sends POST data to this file. This is exactly the same as addcollege.php, except all of the information for the application is already filled in, and the submitted information will replace the information currently in the database for that college.*

```

<?php
include('.. /libraries/lib.php');
session_start();
if($_SESSION[grade]!=12)header(' Location: /');
$colleges=college_array();
mysql_connect(' localhost', ' Physics', $dbpass);
mysql_select_db(' destinations');
$id=$_SESSION[' user'];

if(isset($_POST[' submit'])){
$college=$_POST[' code'];

$type=$_POST[' type'];
$subcollege=$_POST[' subcollege'];

$subyear=$_POST[' subyear'];
$submonth=$_POST[' submonth'];
$subday=$_POST[' subday'];
if($submonth>12){ $subday=$submonth; $submonth=$_POST[' subday'];}

```

```

if(strlen($subyear)==2)$subyear="20". $subyear;
if(strlen($subday)==1)$subday="0". $subday;
if(strlen($submonth)==1)$submonth="0". $submonth;
$submitted="" $subyear- $submonth- $subday" ";
if($subyear==" || $submonth =="" || $subday ==")$submitted="NULL";

$notyear=$_POST['notyear'];
$notmonth=$_POST['notmonth'];
$notday=$_POST['notday'];
if($notmonth>12){$notday=$notmonth;$notmonth=$_POST['notday'];}
if(strlen($notyear)==2)$notyear="20". $notyear;
if(strlen($notday)==1)$notday="0". $notday;
if(strlen($notmonth)==1)$notmonth="0". $notmonth;
$notified="" $notyear- $notmonth- $notday" ";
if($notyear==" || $notmonth =="" || $notday ==")$notified="NULL";

$legacy=$_POST['legacy'];
if(!isset($_POST['legacy']) || $_POST['legacy']==')$legacy="NULL";
$interview=$_POST['interview'];
if(!isset($_POST['interview']) || $_POST['interview']==')$interview="NULL";
$recruited=$_POST['recruited'];
$supplement=$_POST['supplement'];
$defer=(($_POST['defer']=="on")?"1": "0");
$decision="" $_POST[decision]";
if($decision==" Clear")$decision="NULL";
$collegename=$colleges[$college];
$comments=$_POST['comments'];
$query="UPDATE applications SET Subcollege=' $subcollege', AppType=' $stype',
Deferred=' $defer', Decision=$decision, Submitted=$submitted, Notified=$notified,
Legacy=$legacy, Interview=$interview, Recruitment=' $recruited',
Supplement=' $supplement', Comments=' $comments' WHERE User=' $id' AND
Code=' $college' LIMIT 1";
#mysql_query($query);
#echo $query. "\n<br>";
if(mysql_query($query))header(' Location: colleges.php');
makeheader("Senior Destinations: Edit College");
echo"<font size='+2' color=red>Error in submission.</font><br>\n";
}
else makeheader("Senior Destinations: Edit College");
#$honors=stripslashes($honors);
$code=$_POST['code'];
$query="SELECT Subcollege, AppType, Deferred, Decision, Submitted, Notified,
Legacy, Interview, Recruitment, Supplement, Comments FROM applications WHERE
User=' $id' AND Code=' $code'
";
$result=mysql_query($query);
list($subcollege, $stype, $defer, $decision, $submitted, $notified, $legacy,
$interview, $recruit, $supplement, $comments)=mysql_fetch_row($result);
$ea=(($stype==' EA')?"selected": "");
$ed=(($stype==' ED')?"selected": "");
$rd=(($stype==' RD')?"selected": "");
$rolling=(($stype==' Rolling')?"selected": "");
if(strlen($submitted)==10 && $submitted!="0000-00-00"){
$subyear=substr($submitted,0,4);
$submonth=substr($submitted,5,2);
$subday=substr($submitted,8,2);
}
else {$subyear=$submonth=$subday="";}

if(strlen($notified)==10 && $notified!="0000-00-00"){
$notyear=substr($notified,0,4);
$notmonth=substr($notified,5,2);
$notday=substr($notified,8,2);
}
else {$notyear=$notmonth=$notday="";}
if($legacy=="0")$legacyn="checked";
if($legacy=="1")$legacyy="checked";

```

```
if($interview=="0")$interviewn="checked";
if($interview=="1")$interviewy="checked";
if($defer=="1")$defer="checked";
```

```
if($decision=="Accepted")$decacc="selected";
elseif($decision=="Rejected")$decrej="selected";
elseif($decision=="Waitlisted")$decwait="selected";
elseif($decision=="Attending")$decatt="selected";
else $deccl ear="selected";
```

```
echo "<noscript style='font-size:xx-large;font-weight:bold;color:red;'>PLEASE
ENABLE JAVASCRIPT FOR THIS SITE. </noscript>
```

All of the information on this page will be viewable by every registered user on this site (i.e. everyone at TJ). If you want to hide some information, <i>don't enter it</i>. However, all of this information will be helpful for future applicants, so I encourage you to enter everything.

```
<table>
```

```
<form action='$_SERVER[PHP_SELF]' method='post' name='form1'>
```

```
<tr><td>College or University: </td><td><input type=hidden name=code
value=' $code' ><a
```

```
href=' /display/college.php?cid=$code' >$colleges[$code]</a></td></tr>
```

```
<tr><td>Subcollege (if applicable): </td><td><input type=text name=subcollege
size=40 value=' $subcollege' >
```

```
<font size=' - 1' ><a href=' javascript:alertprogram();' style='font-size:8pt;text-
decoration:none;' >[?]</a></font></td></tr>
```

```
<tr><td>Type of Application: </td><td><select name='type' >
```

```
<option value=' EA' $ea>Early Action</option>
```

```
<option value=' ED' $ed>Early Decision</option>
```

```
<option value=' RD' $rd>Regular Decision</option>
```

```
<option value=' Rolling' $rolling>Rolling Admission</option>
```

```
</select></td></tr>
```

```
<tr><td>Date Submitted: </td><td>
```

```
Month:<input type=text value=' $submonth' name='submonth' maxlength=2 size=1>
```

```
Day:<input type=text value=' $subday' name='subday' maxlength=2 size=1>
```

```
Year:<input type=text value=' $subyear' name='subyear' maxlength=4 size=3> <font
size=' - 1' >(MM-DD-YYYY)</font>
```

```
</td></tr>
```

```
<tr><td>Date Notified: </td><td>
```

```
Month:<input type=text value=' $notmonth' name='notmonth' maxlength=2 size=1>
```

```
Day:<input type=text value=' $notday' name='notday' maxlength=2 size=1>
```

```
Year:<input type=text value=' $notyear' name='notyear' maxlength=4 size=3> <font
size=' - 1' >(MM-DD-YYYY)</font>
```

```
</td></tr>
```

```
<tr><td>Legacy? </td><td><input type=radio name=legacy value=1 $legacyy>Yes <input
type=radio name=legacy value=0 $legacyn>No <input type=radio name=legacy
value=' ' >Clear</td></tr>
```

```
<tr><td>Were you Interviewed? </td><td><input type=radio name=interview value=1
$interviewy>Yes <input type=radio name=interview value=0 $interviewn>No <input
type=radio name=interview value=' ' >Clear</td></tr>
```

```
<tr><td>Were you deferred? </td><td><input type=checkbox name=defer
$defer></td></tr>
```

```
<td>Decision: </td><td><select name=decision><option value=' Clear'
$deccl ear></option>
```

```
<option value=' Accepted' $decacc>Accepted</option>
```

```
<option value=' Rejected' $decrej >Rejected</option>
```

```
<option value=' Waitlisted' $decwait>Waitlisted</option>
```

```
<option value=' Attending' $decatt>Attending</option>
```

```
</select>
```

```
</td></tr>
```

```
<tr><td colspan=2>If you were recruited, what for? <input type=text name=recruited
value=' $recruit' ></td></tr>
```

```
<tr><td colspan=2>If you submitted a supplement, what was it?<br>
```

```
<textarea name=supplement cols=30 rows=2>$supplement</textarea></td></tr>
```

```
<tr><td colspan=2>Additional comments or information:<br>
```

```
<textarea name=comments cols=50 rows=5>$comments</textarea></td></tr>
```

```
</table>
```

```
<input type=submit name=submit value=' Submit' >
</form>;
```

```
makefooter();
```

```
?>
```

### edit/personal info. php

*This provides an interface for the user to add and edit their personal information such as gender, race, GPA, SAT and ACT scores. A lot of this code just tries to anticipate what stupid things the user will do and correct for it. Note that the race is stored in the database as an integer. Later, we can check to see if someone belongs to that race by taking that integer in the mod of the corresponding prime number. Thus, someone who is every race will have the number  $2*3*5*7*11 = 2640$ .*

```
<?php
```

```
include('../libraries/lib.php');
```

```
makeheader("Senior Destinations: Personal Information");
```

```
if($_SESSION[grade]!=12) echo "Only seniors can use this function. Non-seniors are welcome to view other students' information but are not able to enter their own.";
```

```
else{
```

```
mysql_connect('localhost', 'Physics', $dbpass);
```

```
mysql_select_db('destinations');
```

```
$id=$_SESSION['user'];
```

```
if(isset($_POST['submit'])){
```

```
#echo "Gender: $_POST[gender] \n Hispanic: $_POST[hispanic] \n";
```

```
$gender=$_POST['gender']; if($gender=="C") $gender="";
```

```
$race=1;
```

```
if($_POST['asian']==2) $race*=2;
```

```
if($_POST['black']==3) $race*=3;
```

```
if($_POST['native']==5) $race*=5;
```

```
if($_POST['pacific']==7) $race*=7;
```

```
if($_POST['white']==11) $race*=11;
```

```
$race="". $race. "";
```

```
switch($_POST['hispanic']){
```

```
case "Y":
```

```
    $hispanic=1;
```

```
    break;
```

```
case "N":
```

```
    $hispanic=0;
```

```
    break;
```

```
case "C":
```

```
    $hispanic="NULL";
```

```
    break;
```

```
case "":
```

```
    $hispanic="NULL";
```

```
    break;
```

```
}
```

```
#$hispanic=$_POST['hispanic']; if($hispanic=="C") $hispanic="";
```

```
$gpa="". $_POST['gpa']. ""; if($gpa=="") $gpa="NULL";
```

```
$$SAT24C="". $_POST['SAT24C']. ""; if($$SAT24C=="") $$SAT24C="NULL";
```

```
$$SAT24S="". $_POST['SAT24S']. ""; if($$SAT24S=="") $$SAT24S="NULL";
```

```
$$SAT16C="". $_POST['SAT16C']. ""; if($$SAT16C=="") $$SAT16C="NULL";
```

```
$$SAT16S="". $_POST['SAT16S']. ""; if($$SAT16S=="") $$SAT16S="NULL";
```

```
$ACTC="". $_POST['ACTC']. ""; if($ACTC=="") $ACTC="NULL";
```

```
$ACTS="". $_POST['ACTS']. ""; if($ACTS=="") $ACTS="NULL";
```

```
$honors="". $_POST['honors']. ""; if($race=="") $race="NULL";
```

```
#$honors=mysql_real_escape_string($_POST['honors']);
```

```
$query="UPDATE user SET Gender='$gender', Race=$race, Hispanic=$hispanic,
```

```
GPA=$gpa, SAT24S=$$SAT24S, SAT24C=$$SAT24C, SAT16C=$$SAT16C, SAT16S=$$SAT16S,
```

```
ACTC=$ACTC, ACTS=$ACTS, Honors=$honors WHERE ID='$id';";
```

```
if(mysql_query($query))
```

```
echo "<font color=red>Updated.</br></font>";
```

```

#echo $query. "\n<br>";
}
$query="SELECT Gender, Race, Hispanic, GPA, SAT24C, SAT24S, SAT16C, SAT16S, ACTC,
ACTS, Honors FROM user WHERE id=$id";
$result=mysql_query($query);
list($gender, $race, $hispanic, $gpa, $SAT24C, $SAT24S, $SAT16C, $SAT16S, $ACTC, $ACTS, $honors)=mysql_fetch_row($result);
$genderM=($gender=="M")?"checked":"";
$genderF=($gender=="F")?"checked":"";
$hispanicY=($hispanic=="1")?"checked":"";
$hispanicN=($hispanic=="0")?"checked":"";
$asian=($race%2==0)"checked":"";
$black=($race%3==0)"checked":"";
$native=($race%5==0)"checked":"";
$pacific=($race%7==0)"checked":"";
$white=($race%11==0)"checked":"";

#Honors=stripslashes($honors);
echo "<noscript style='font-size: xx-large; font-weight: bold; color: red;'>PLEASE
ENABLE JAVASCRIPT FOR THIS SITE. </noscript>
All of the information on this page will be viewable by every registered user on
this site (i.e. everyone at TJ). If you want to hide some information, <i>don't
enter it</i>. However, all of this information will be helpful for future
applicants, so I encourage you to enter everything.
<table>
<form action='$_SERVER[PHP_SELF]' method='post' name='form1'>
<tr><td>Gender: </td><td><input type='radio' name='gender' value='M' $genderM>M <input
type='radio' name='gender' value='F' $genderF>F <input type='radio' name='gender
value='C'>Clear</td></tr>
<tr><td>Race: </td><td><input type='checkbox' name='asian' value='2' $asian>Asian <input
type='checkbox' name='black' value='3' $black>Black <input type='checkbox' name='native
value='5' $native>Native American <input type='checkbox' name='pacific' value='7
$pacific>Pacific Islander <input type='checkbox' name='white' value='11' $white>White
</td></tr>
<tr><td>Hispanic?: </td><td><input type='radio' name='hispanic' value='Y' $hispanicY>Yes
<input type='radio' name='hispanic' value='N' $hispanicN>No <input type='radio
name='hispanic' value='C'>Clear</td></tr>
<tr><td>GPA: </td><td><input type='text' name='gpa' size='5' value='$gpa'></td></tr>
<tr><td>SAT (2400 Combined): </td><td><input type='text' name='SAT24C' size='5
value='$SAT24C'></td></tr>
<tr><td>SAT (2400 Single): </td><td><input type='text' name='SAT24S' size='5
value='$SAT24S'></td></tr>
<tr><td>SAT (1600 Combined): </td><td><input type='text' name='SAT16C' size='5
value='$SAT16C'></td></tr>
<tr><td>SAT (1600 Single): </td><td><input type='text' name='SAT16S' size='5
value='$SAT16S'></td></tr>

<tr><td>ACT (Combined): </td><td><input type='text' name='ACTC' size='5
value='$ACTC'></td></tr>
<tr><td>ACT (Single): </td><td><input type='text' name='ACTS' size='5
value='$ACTS'></td></tr>
<tr><td>Honors/Extracurriculars</td><td><textarea cols='75' rows='8
name='honors'>$honors</textarea></td></tr>
</table>
<input type='submit' name='submit' value='Update'>
</form>";
}
makefooter();

?>

```

### edit/sat2.php

*This is exactly the same as ap.php, but for SAT2 scores.*

```

<?php
include('../libraries/lib.php');
$subjects=array(

```

```

"Bi ology E",
"Bi ology M",
"Chemistry",
"Chinese (w/ Listening)",
"English Literature",
"French",
"French (w/ Listening)",
"German",
"German (w/ Listening)",
"Italian",
"Japanese (w/ Listening)",
"Korean (w/ Listening)",
"Latin",
"Mathematics Level 1",
"Mathematics Level 2",
"Modern Hebrew",
"Physics",
"Spanish",
"Spanish (w/ Listening)",
"U. S. History",
"World History");
makeheader("Senior Destinations: SAT II scores");
if($_SESSION[grade]!=12)echo "Only seniors can use this function. Non-seniors are
welcome to view other students' information but are not able to enter their own.";
else{
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('destinations');
$id=$_SESSION['user'];
if(isset($_POST['submit'])){#Shonors=stripslashes($honors);
$Scores=array();
for($i=0; $i<count($subjects); $i++)
$Scores[$subjects[$i]]=$_POST[$i];
$query="DELETE FROM scores WHERE Type='SAT2' AND User='$id'";
mysql_query($query);
#print_r($Scores);echo "<br>";
foreach($Scores as $subject=>$score)
{
if($score==""){continue;}
$query="INSERT INTO scores (User, Type, Subject, Score) VALUES ('$id', 'SAT2',
'$subject', '$score')";
mysql_query($query);
}
$query="DELETE FROM scores WHERE Type='SAT2' AND User='$id' AND Score='0'";
mysql_query($query);
echo "<font color=red>Updated. </br></font>";
}
$query="SELECT Subject, Score FROM scores WHERE Type='SAT2' AND User='$id'";
$result=mysql_query($query);
$Scores=array();
while(list($subject, $score) = mysql_fetch_row($result))
$Scores[$subject]=$score;
echo "<noscript style='font-size: xx-large; font-weight: bold; color: red;'>PLEASE
ENABLE JAVASCRIPT FOR THIS SITE. </noscript>
All of the information on this page will be viewable by every registered user on
this site (i.e. everyone at TJ). If you want to hide some information, <i>don't
enter it</i>. However, all of this information will be helpful for future
applicants, so I encourage you to enter everything.
<table>
<form action='$_SERVER[PHP_SELF]' method='post' name='form1'>
<tr style='text-decoration: underline;'><th>Test</th><th>Score</th></tr>";
foreach($subjects as $key=>$subject){
echo "<tr><td>$subject</td><td><input type=text size=4 name='$key'
value=' $Scores[$subject]'></td></tr>\n";
}
echo "
</table>
<input type=submit name=submit value='Update'>

```

```

</form>";
}
makefooter();

?>

```

### edit/subcollege.php

*Provides an explanation as to what is meant by "Which subcollege?" It pops up in a small window if the browser allows it.*

```

<?php
include('libraries/lib.php');
#makeheader('Senior Destinations: Subcolleges');?>
<body onload='windo.resizeTo(300,200);'>
If you were asked to apply to a specific college or program within the university,
such as UVA's College of Arts and Sciences, Duke's Pratt School of Engineering,
UPenn's Wharton School of Business, etc., please specify that here.
</body>

```

### display/college.php

*This displays all of the applications for a specific college. It takes GET data (the part of the URL with the ?cid=\_\_\_) as input. For example, display/college.php?cid=39 would display all of the applicants to MIT and their data.*

```

<?php
include('libraries/lib.php');

mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('destinations');
$cid=$_GET['cid'];
$colleges=college_array();
makeheader("Senior Destinations: $colleges[$cid]");
echo "<font size=5 style='font-weight:bold;text-decoration:underline;'>$colleges[$cid]</font><br>";
list($subcollegeflag)=mysql_fetch_row(mysql_query("SELECT COUNT(Subcollege) FROM applications WHERE Subcollege IS NOT NULL AND Subcollege != '' AND Code=' $cid'"));
$subcollegeflag=($subcollegeflag>0);
$result=mysql_query("SELECT applications.User FROM applications JOIN user ON applications.User = user.ID WHERE applications.Code=' $cid' ORDER BY applications.Decision, applications.Deferred, user.Last, user.First, user.ID;");
$students=array();
while(list($id)=mysql_fetch_row($result)){
$students[]=$id;
}
?>
<noscript style="font-size:xx-large;font-weight:bold;color:red;">PLEASE ENABLE JAVASCRIPT FOR THIS SITE. </noscript><br>
<table cellpadding=4px class="apps sortable">
<tr style="text-weight:bold;text-size:16px;text-align:center;">
<th id=decision><a href="javascript:sortloader('decision');">Decision</a></th>
<th id=name><a href="javascript:sortloader('name');">Name</a></th>
<th id=program><a href="javascript:sortloader('program');">Program</a></th>
<th id=type><a href="javascript:sortloader('type');">Type</a></th>
<th id=gpa><a href="javascript:sortloader('gpa');">GPA</a></th>
<th id=sat><a href="javascript:sortloader('sat');">SAT</a></th>
<th id=act><a href="javascript:sortloader('act');">ACT</a></th>
<th id=gender><a href="javascript:sortloader('gender');">Gender</a></th>
<th id=race><a href="javascript:sortloader('race');">Race</a></th>
<th id=hispanic><a href="javascript:sortloader('hispanic');">Hispanic</a></th>
<th id=legacy><a href="javascript:sortloader('legacy');">Legacy</a></th>
<th id=interview><a href="javascript:sortloader('interview');">Interview</a></th>
<th id=deferred><a href="javascript:sortloader('deferred');">Deferred</a></th>
<th id=recruited><a href="javascript:sortloader('recruited');">Recruited</a></th>
<th id=supplement><a href="javascript:sortloader('supplement');">Supplement</a></th>
<th id=comments><a href="javascript:sortloader('comments');">Comments</a></th></tr>

```

```

<?php
foreach($students as $id){
$query="SELECT First, Last, GPA, SAT24C, ACTC, Gender, Race, Hispani c FROM user
WHERE ID=' $id '";
list($first, $last, $gpa, $sat24c, $actc, $gender, $race, $hispani c)=mysql_fetch_row(mysql
l_query($query));
$query="SELECT College, Subcollege, Decision, AppType, Legacy, Interview,
Deferred, Recruitment, Supplement, Comments FROM applications WHERE Code=' $id '
AND User=' $id '";
list($college, $subcollege, $decision, $type, $legacy, $interview, $deferred, $recruited,
$supplement, $comments)=mysql_fetch_row(mysql_query($query));
if($decision=="")
if($deferred=="1") $decision="Deferred";
else $decision="&nbsp;";
$deferred=(($deferred=="1")?$deferred="Yes":$deferred="");
if($gender=="M") $gender="Male";
elseif($gender=="F") $gender="Female";
else $gender="";
if($gender!="")
$racestring="";
if($race%2==0) $racestring.="Asian, ";
if($race%3==0) $racestring.="Black, ";
if($race%5==0) $racestring.="Native American, ";
if($race%7==0) $racestring.="Pacifi c Islander, ";
if($race%11==0) $racestring.="White, ";
if($race>1)
$racestring=substr($racestring, 0, strlen($racestring) - 2);
if($hispani c=="1") $hispani c="Yes";
elseif($hispani c=="0") $hispani c="No";
else $hispani c="";
if($legacy=="1") $legacy="Yes";
elseif($legacy=="0") $legacy="No";
else $legacy="";
if($interview=="1") $interview="Yes";
elseif($interview=="0") $interview="No";
else $interview="";

$comm=($comments!="")?"Yes": "";
$comments=html special chars($comments);
$recruit=($recruited!="")?"Yes": "";
$recruited=html special chars($recruited);
$supp=($supplement!="")?"Yes": "";
$supplement=html special chars($supplement);
if($supplement!="") $supp="Yes";

echo "<tr><td>$decision</td><td><a href=' /display/student.php?si d=$i d' >$last,
$first</a></td><td>$subcollege</td><td>$type</td><td>$gpa</td><td>$sat24c</td><td>
$actc</td><td>$gender</td><td>$racestring</td><td>$hispani c</td>
<td>$legacy</td><td>$interview</td>
<td>$deferred</td><td><a href=' javascript: MOUSEOVER THE LINK'
title=\" $recruited \">$recruit</a></td>
<td><a href=' javascript: MOUSEOVER THE LINK' title=\" $supplement \">$supp</a></td>
<td><a href=' javascript: MOUSEOVER THE LINK'
title=\" $comments \">$comm</a></td></tr>";
}
echo "</table><font size=' -1' color=red>Note: To view information about
supplements, recruiting, and comments, mouseover the links.</font>";

makefooter();
?>

```

### display/colleges.php

*Outputs a table which displays how many people applied/got in/got rejected/got waitlisted/are going to each college. The table can be sorted by clicking the column headers, using a slightly modified sorttable.js, which I did not include since it is only about 1% my code and is very very long.*

```
<?php
```

```

include('libraries/lib.php');
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('destinations');

makeheader("Senior Destinations: Colleges");
echo "<body ";
if(isset($_GET['sort'])) echo "onload=sortloader('$_GET[sort]');";
echo ">";
echo "<table border=0 class='apps sortable' style='font-size: 11pt;' >
<th id=college><a href=\"j avascript: sortloader(' college ');\">College</a></th>
<th id=applied><a href=\"j avascript: sortloader(' applied ');\">Applied</a></th>
<th id=attending><a
href=\"j avascript: sortloader(' attending ');\">Attending</a></th>
<th id=accepted><a href=\"j avascript: sortloader(' accepted ');\">Accepted</a></th>
<th id=rejected><a href=\"j avascript: sortloader(' rejected ');\">Rejected</a></th>
<th id=waitlisted><a
href=\"j avascript: sortloader(' waitlisted ');\">Waitlisted</a></th>";
$colleges=college_array();
foreach($colleges as $cid=>$college){
list($applied)=mysql_fetch_row(mysql_query("SELECT Count(User) FROM applications
WHERE Code=' $cid '"));
if($applied==0) continue;
list($attending)=mysql_fetch_row(mysql_query("SELECT Count(User) FROM applications
WHERE Code=' $cid ' AND Decision=' Attending '"));
list($accepted)=mysql_fetch_row(mysql_query("SELECT Count(User) FROM applications
WHERE Code=' $cid ' AND (Decision=' Attending ' OR Decision=' Accepted '"));
list($rejected)=mysql_fetch_row(mysql_query("SELECT Count(User) FROM applications
WHERE Code=' $cid ' AND Decision=' Rejected '"));
list($waitlisted)=mysql_fetch_row(mysql_query("SELECT Count(User) FROM
applications WHERE Code=' $cid ' AND Decision=' Waitlisted '"));
echo "<tr><td><a
href=' /display/college.php?cid=$cid ' >$college</a></td><td>$applied</td><td>$attending</td><td>$accepted</td><td>$rejected</td><td>$waitlisted</td></tr>\n";
}
}while(list($college, $program, $first, $last)=mysql_fetch_row($result))
#echo "<tr><td>$last, $first</td><td>$college</td><td>$program</td></tr>\n";

$query="SELECT User, College, Program FROM applications WHERE
Decision=' Attending '";
$result=mysql_query($query);
echo "</table>";
echo "</body>";
makefooter();
?>

```

### display/destinations.php

*Displays all the people who have made their decision about which college they will be attending. This is similar to the intranet's version of Senior Destinations.*

```

<?php
include('libraries/lib.php');
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('destinations');

makeheader("Senior Destinations");

echo "<table border=0 cellspacing=' 20' >
<th>Name</th><th>College</th><th>Program</th>";
$query="SELECT applications.College, applications.Subcollege, user.First,
user.Last FROM applications JOIN user ON (applications.User = user.ID) WHERE
applications.Decision=' Attending ' AND user.Grade=' 12' ORDER BY user.Last,
user.First, applications.College;";
$result=mysql_query($query);
while(list($college, $program, $first, $last)=mysql_fetch_row($result))
echo "<tr><td>$last, $first</td><td>$college</td><td>$program</td></tr>\n";

$query="SELECT User, College, Program FROM applications WHERE
Decision=' Attending '";

```

```

#$result=mysql_query($query);
echo "</table>";
makefooter();
?>

```

### display/student.php

*Displays all of the information for a student, including their biographical information and their applications. This takes GET data from the URL as input.*

```

<?php
include('libraries/lib.php');

mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('destinations');
$id=$_GET['sid'];
list($first, $last, $gender, $race, $hispanic, $gpa, $sat24c, $sat24s, $sat16c, $sat16s, $actc, $acts, $honors)=mysql_fetch_row(mysql_query("SELECT First, Last, Gender, Race, Hispanic, GPA, SAT24C, SAT24S, SAT16C, SAT16S, ACTC, ACTS, Honors FROM user WHERE ID=' $id '"));

$sat2s=array();
$query="SELECT Subject, Score FROM scores WHERE User=' $id ' AND Type=' SAT2 ' ORDER BY Score DESC;";
$result=mysql_query($query);
while(list($subject, $score)=mysql_fetch_array($result))
$sat2s[$subject]=$score;

$saps=array();
$query="SELECT Subject, Score FROM scores WHERE User=' $id ' AND Type=' AP ' ORDER BY Score DESC;";
$result=mysql_query($query);
while(list($subject, $score)=mysql_fetch_array($result))
$saps[$subject]=$score;

makeheader("Senior Destinations: $first $last");
echo "<font size=5 style='font-weight: bold; text-decoration: underline;' >$first $last</font><br>
<table border=0>";

if($gender=="M") $gender="Male";
elseif($gender=="F") $gender="Female";
else $gender="";
if($gender!="") echo "<tr><td>Gender: </td><td>$gender</td></tr>\n";

$racestring="";
if($race%2==0) $racestring="Asian, ";
if($race%3==0) $racestring="Black, ";
if($race%5==0) $racestring="Native American, ";
if($race%7==0) $racestring="Pacific Islander, ";
if($race%11==0) $racestring="White, ";
if($race>1) {
$racestring=substr($racestring, 0, strlen($racestring) - 2);
echo "<tr><td>Race: </td><td>$racestring</td></tr>\n";
if($hispanic=="1") $hispanic="Yes";
elseif($hispanic=="0") $hispanic="No";
else $hispanic="";
if($hispanic!="") echo "<tr><td>Hispanic: </td><td>$hispanic</td></tr>\n";
if($gpa!="") echo "<tr><td>GPA: </td><td>$gpa</td></tr>\n";
$sat2400="";
if($sat24c!="") $sat2400.="$sat24c (Combined), ";
if($sat24s!="") $sat2400.="$sat24s (Single), ";
if($sat2400!="") {
$sat2400=substr($sat2400, 0, strlen($sat2400) - 2);
echo "<tr><td>SAT 2400: </td><td>$sat2400</td></tr>\n";
}

$sat1600="";
if($sat16c!="") $sat1600.="$sat16c (Combined), ";

```



```

$comm=($comments!="")?"Yes":"";
$comments=html special chars($comments);
$recruited=($recruited!="")?"Yes":"";
$recruited=html special chars($recruited);
$supp=($supplement!="")?"Yes":"";
$supplement=html special chars($supplement);
if($supplement!="")$supp="Yes";
echo "\n<tr id= '$code' ><td>$decision</td><td nowrap><a
href= ' /display/college.php?cid=$code' >college</a></td><td>$subcollege</td>
<td>$type</td>
<td>$submitted</td><td>$notified</td><td>$legacy</td><td>$interview</td>
<td>$deferred</td><td><a href= 'javascript:MOUSEOVER THE LINK'
title= \" $recruited\" >$recruited</a></td>
<td><a href= 'javascript:MOUSEOVER THE LINK' title= \" $supplement\" >$supp</a></td>
<td><a href= 'javascript:MOUSEOVER THE LINK'
title= \" $comments\" >$comm</a></td></tr>";
}
echo "</table><font size= ' -1' color=red>Note: To view information about
supplements, recruiting, and comments, mouseover the links.</font>";

makefooter();
?>

```

**display/students.php**

*This is the classic senior destinations page, which attempts to cram as much information as possible into one page. It displays almost all biographical information for each student and limited information about each of their applications.*

```

<?php
include('libraries/lib.php');

makeheader("Senior Destinations: Students");
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('destinations');
echo "<table width= '100%' style= 'font-size: 10pt; ' ><tr align=left style= 'font-
size: 12pt; ' ><th>Name</th><th>Background</th><th>SAT
IIs</th><th>APs</th><th>Honors/Extracurrics</th><th colspan=2>Colleges</th></tr>
\n";
$RESULT=mysql_query("SELECT ID, First, Last, Gender, Race, Hispanic, GPA, SAT24C,
SAT24S, SAT16C, SAT16S, ACTC, ACTS, Honors FROM user WHERE Grade= '12' AND
Activated= '1' ORDER BY Last, First, ID;");
#echo "asd;lkfja;dskljf".mysql_num_rows($result);
while(list($id,$first,$last,$gender,$race,$hispanic,$gpa,$sat24c,$sat24s,$sat16c,$
sat16s,$actc,$acts,$honors)=mysql_fetch_row($RESULT)){
echo "<tr><td colspan=7><hr></td></tr>\n";
#echo "whee";
$sat2s=array();
$query="SELECT Subject, Score FROM scores WHERE User= '$id' AND Type= 'SAT2' ORDER
BY Score DESC, Subject;";
$result=mysql_query($query);
while(list($subject,$score)=mysql_fetch_array($result))
$sat2s[$subject]=$score;

$saps=array();
$query="SELECT Subject, Score FROM scores WHERE User= '$id' AND Type= 'AP' ORDER BY
Score DESC, Subject;";
$result=mysql_query($query);
while(list($subject,$score)=mysql_fetch_array($result))
$saps[$subject]=$score;

echo "<tr valign=top><td nowrap valign=top><a
href= ' /display/student.php?sid=$id' >$last, $first</a></td>
<td valign=top><table border=0 style= 'font-size: 10pt; ' >";

```

```

if($gender=="M")$gender="Male";
elseif($gender=="F")$gender="Female";
else$gender="";
if($gender!="")echo "<tr><td>Gender: </td><td>$gender</td></tr>\n";

$racestring="";
if($race%2==0)$racestring="Asian, ";
if($race%3==0)$racestring="Black, ";
if($race%5==0)$racestring="Native American, ";
if($race%7==0)$racestring="Pacific Islander, ";
if($race%11==0)$racestring="White, ";
if($race>1){
$racestring=substr($racestring,0,strlen($racestring)-2);
echo "<tr><td>Race: </td><td>$racestring</td></tr>\n";}
if($hispanicc=="1")$hispanicc="Yes";
elseif($hispanicc=="0")$hispanicc="No";
else$hispanicc="";
if($hispanicc!="")echo "<tr><td>Hispanic: </td><td>$hispanicc</td></tr>\n";
if($gpa!="")echo "<tr><td>GPA: </td><td>$gpa</td></tr>\n";
$sat2400="";
if($sat24c!="")$sat2400.="$sat24c (Combined), ";
if($sat24s!="")$sat2400.="$sat24s (Single), ";
if($sat2400!=""){
$sat2400=substr($sat2400,0,strlen($sat2400)-2);
echo "<tr valign=top><td>SAT 2400: </td><td>$sat2400</td></tr>\n";
}

$sat1600="";
if($sat16c!="")$sat1600.="$sat16c (Combined), ";
if($sat16s!="")$sat1600.="$sat16s (Single), ";
if($sat1600!=""){
$sat1600=substr($sat1600,0,strlen($sat1600)-2);
echo "<tr valign=top><td>SAT 1600: </td><td>$sat1600</td></tr>\n";
}

#if($sat16c!="")echo "<tr><td>SAT (1600 Combined): </td><td>$sat16c</td></tr>\n";
#if($sat16s!="")echo "<tr><td>SAT (1600 Single): </td><td>$sat16s</td></tr>\n";

$act="";
if($actc!="")$act.="$actc (Combined), ";
if($acts!="")$act.="$acts (Single), ";
if($act!=""){
$act=substr($act,0,strlen($act)-2);
echo "<tr><td>ACT: </td><td>$act</td></tr>\n";
}
echo "</table></td>
<td valign=top><table border=0 style='font-size:10pt;'>\n";
#if($actc!="")echo "<tr><td>ACT (Combined): </td><td>$actc</td></tr>\n";
#if($acts!="")echo "<tr><td>ACT (Single): </td><td>$acts</td></tr>\n";

if(count($sat2s)>0){
foreach($sat2s as $subject=>$score)
echo "<tr valign=top nowrap><td nowrap>$subject</td><td
nowrap>$score</td></tr>\n";
}

echo "</table></td>
<td valign=top><table border=0 style='font-size:10pt;'>\n";
if(count($saps)>0){
foreach($saps as $subject=>$score)
echo "<tr nowrap valign=top><td nowrap>$subject</td><td nowrap>$score</td></tr>";
}
echo "</table></td><td style='overflow:hidden;'>";
#$honors=str_replace("B-Division ARML","<b>B-Division</b> ARML",$honors);
$honors=htmlspecialchars(destretch(nl2br($honors),$id));
#$honors=str_replace("B-Division ARML","<b>B-Division</b> ARML",$honors);
$honors=str_replace("&lt;br /&gt;","<br>",$honors);

```

```

echo "$honors</td>\n";

$query="SELECT Code, College, AppType FROM applications WHERE User=' $id' ORDER BY
College;";
#echo "<td>Bl ah</td></tr>";
echo "<td>";
echo "<table border=0 style=' font-size: 10pt; ' >\n";
$result=mysql_query($query);
while(list($code, $college, $type)=mysql_fetch_row($result)){
if($type=="Rolling") $type="R0";
echo "<tr nowrap><td nowrap>$type</td><td nowrap valign=top><a
href=' /display/college.php?ci d=$code' >$college</a></td></tr>\n";
}
echo "</table>";

$query="SELECT Decision, Deferred FROM applications WHERE User=' $id' ORDER BY
College;";
echo "<td>";
echo "<table border=0 style=' font-size: 10pt; ' >\n";
$result=mysql_query($query);
while(list($decision, $deferred)=mysql_fetch_row($result)){
$color="#000000";
$weight="normal";
if($decision=="Rejected") $color="#C00000";
if($decision=="Accepted" || $decision=="Attending") $color="#00B500";
if($decision=="Attending") $weight="bold";
if($deferred=="1") $decision.=" (Deferred)";
if($decision=="") $decision="&nbsp;";
if($decision==" (Deferred)") $decision="Deferred";
echo "<tr nowrap valign=top><td nowrap style=' color: $color; font-
weight: $weight; ' >$decision</td></tr>\n";
}
echo "</table>";

echo "</td></tr>";
}
echo "</table>";

makefooter();
?>

```

**auth/adduser.php**

*This page takes POST data as input from signup.php and cleans up any errors that the student might have put in. If the information is acceptable, it will send an email with a temporary password to the user's TJ email (so that only TJ students can register) and add that user to the database.*

```

<?php
session_start();
include("../libraries/lib.php");
$banned=array('2010dli');
$tjid=$_POST[tjid];
if(in_array($tjid,$banned)){echo "Sorry, you are not allowed to register.
Goodbye. ";}
else{
$first=$_POST[first];
$last=$_POST[last];
$token=sha1($tjid.!!!!CENSORED!!!!);
$temppass=substr(sha1($tjid.rand(0,10000000)),0,10);
$pass=sha1($backup);
$grade=substr($tjid,0,4);
$grade=2022-$grade;
$host="localhost";
$user="Physics";
$pass=$dbpass;
$db="destinations";
$table="user";

```

```

$connection = mysql_connect($host, $user, $pass) or die ("Unable to connect!");
mysql_select_db($db) or die ("Unable to select database!");
$query = "SELECT * FROM ".$table." WHERE TJID='".$tjid."'";
$result = mysql_query($query);
if(mysql_num_rows($result)==0){
    $query = "INSERT INTO ".$table." (TJID, Token, Pass, First, Last, Grade)
VALUES ('$tjid', '$token', '$pass', '$first', '$last', '$grade)";
    // execute query
    $result = mysql_query($query) or die ("Error in query: $query " .
mysql_error());

    // close connection
    mysql_close($connection);
    $email=$tjid."@tjhsst.edu";
    # $email="srush013@gmail.com";
    $headers = 'From: "Sam Rush" <srush013@gmail.com>' . "\r\n";
    $headers .= 'To: '.$first.' '.$last.' <'.$email.'>';
    $subject='Senior Destinations Login Info';
    $message="Registration for the 2010 Senior Destinations site is complete. Your
username will be $tjid. Your temporary password is $backup. Once you log in, you
can change your password and (if you're a senior) enter your college application
information.";
    if(mail('', $subject, $message, $headers)){
        makeheader("Registration Successful");
        echo 'You should be receiving an email (at your <a
href="https://webmail.tjhsst.edu">TJ email</a> address) shortly with your login
information. If you do not receive an email, please <a
href="mailto:srush013@gmail.com">notify me</a>.';
        makefooter();}
    else{
        echo "mail('', $subject, $message, $headers)";
        flush();
        sleep(20);}
    }
    else{
        makeheader("Registration Error");
        echo 'You are already registered.';
        makefooter();
    }
}
?>

```

### auth/changepw.php

*This is a pretty simple page which just allows you to change your password. Note that all users have to go through this page to change their initial password.*

```

<?php
session_start();
if(!isset($_SESSION[user]) || $_SESSION[user]==5)#Restrict alumni account
header('Location: /auth/login.php');
include("../libraries/lib.php");
makeheader("Change Your Password");
if(isset($_POST[oldpass])&&isset($_POST[pass1]))
{
mysql_connect('localhost', 'Physics', $dbpass);
mysql_select_db('destinations');
$id=$_SESSION['user'];
$oldpass=sha1($_POST[oldpass]);
$pass=sha1($_POST[pass1]);
$query="SELECT * FROM user WHERE ID='$id' AND Pass='$oldpass'";
if(mysql_num_rows(mysql_query($query))==0)
echo "Old password is incorrect.";
elseif($_POST[pass1]!=$_POST[pass2])
echo "New passwords do not match.";
else{
    $query = "UPDATE user SET Activated=1, Pass='$pass' WHERE ID = '$id' AND Pass
    ='$oldpass'";
}
}

```

```

    $result = mysql_query($query) or die ("Error in query: $query. " .
mysql_error());
#echo mysql_num_rows($result);

// free result set memory
echo "Password updated successfully. ";
}
}
?>
<script type="text/javascript" src="SHA1.js"></script>
<form name="login_form" action="<?php echo $_SERVER['PHP_SELF']?>"
method="post">
    <table id="login_box" nowrap>
        <tr>
            <td>Old Password: </td>
            <td><input name="oldpass" type="password" size="29"
style="background-color: #FFFFFF" /></td>
        </tr>
        <tr>
            <td>New Password: </td>
            <td><input name="pass1" type="password" size="29" style="background-
color: #FFFFFF" /></td>
        </tr>
        <tr>
            <td>Confirm Password: </td>
            <td><input name="pass2" type="password" size="29"
style="background-color: #FFFFFF" /></td>
        </tr>
        <tr>
            <td align="right" colspan="2"><input
type="submit" value="Submit" /></td>
        </tr>
    </table>
</form>
<script language="javascript" type="text/javascript">
    document.login_form.oldpass.focus();
</script>
<?php
makefooter();
?>

```

### auth/login.css

*This is some css that I use for all my sites that have logins. I think I originally took it from Intranet.*

```

.logo {
    position: absolute;
    top: 0px;
    left: 0px;
    width: 286px;
    height: 218px;
    background: url(.. /pics/newlogo.png) no-repeat;
}
.middle {
    height: 100%;
    margin: 2% auto auto auto;
    padding-top: 4%;
}
.box {padding: 10px;
border: 1px solid #343433;
background-color: #EAEAEA;
opacity: .85;
}
#login_failed {
    margin: auto auto auto auto;
}

```

```

        text-align: center;
    }
    #login_box {
        margin: auto auto auto auto;
    }
    form, div, p, span, td, th, i {
        font-family: arial, helvetica, verdana, sans-serif;
        font-size: 10pt;
    }
    .right {
        text-align: right;
    }
}

```

### auth/login.php

*This is the login page. That's pretty self-explanatory.*

```

<?php
session_start();
include("../libraries/lib.php");
if(!isset($_SESSION[user])&&!isset($_POST[tjid]))
{
makeheader("Please Log in");
?>
<link rel=StyleSheet href=login.css type=text/css />
<script type="text/javascript" src="SHA1.js"></script>
<table class="middle">
<tr>
<td class="box" width=400 style="text-align:left">
<center>Please log in.</center>
<form name="login_form" action="<?php echo $_SERVER['PHP_SELF']?>"
method="post">
<table id="login_box">
<tr>
<td>Username: </td>
<td><input name="tjid" type="text" size="49" style="background-
color: #FFFFFF" /></td>
</tr>
<tr>
<td>Password: </td>
<td><input name="Pass" type="password" size="49" style="background-
color: #FFFFFF" /></td>
</tr>
<tr>
<td align="right" colspan="2"><input
type="submit" value="Login" /></td>
</tr>
</table>
</form>
<script language="javascript" type="text/javascript">
document.login_form.school.focus();
</script>
<div style="text-align: right">
<a href="signup.php" style="font-size: 16px; font-
weight: bold;">Register</a>
</div>
</td>
</tr>
</table>
</div>
<?php
}
elseif(isset($_POST[tjid])||isset($_POST[Pass]))
{
mysql_connect('localhost','Physics',$dbpass);
mysql_select_db('destinations');
// create query
$Pass=sha1($_POST[Pass]);

```

```

$backup=$_POST[Pass];
$tjid=$_POST['tjid'];
$query = "SELECT ID, Activated, Grade FROM user WHERE tjid = '$tjid' AND Pass
=' $Pass';";
// execute query
$result = mysql_query($query) or die ("Error in query: $query. " .
mysql_error());
// see if any rows were returned
#echo mysql_num_rows($result);
if (mysql_num_rows($result) == 1) {
list($id, $activated, $grade)=mysql_fetch_row($result);
// if a row was returned
// authentication was successful
// create session and set cookie with username
$_SESSION['user']=$id;
$_SESSION['grade']=$grade;
$_SESSION['token']=sha1($tjid.!!!!CENSORED!!!!);
# echo $_SESSION[IMUser]. "<br>". $_SESSION[IMToken];
$_SESSION['auth'] = 1;
# if($_POST[perlogin]=="on")
# {setcookie('user', $_SESSION['user'], time()+60*60*24*180, '/', $siteurl);
#
# setcookie('token', $_SESSION['token'], time()+60*60*24*180, '/', $siteurl);
# setcookie('auth', $_SESSION['auth'], time()+60*60*24*180, '/', $siteurl);}
if($activated==0)header("Location: changepw.php");
else
header("Location: /");
}
else {
// no result
// authentication failed
header('Location: '.$authURL.'login.php');
}

// free result set memory
mysql_free_result($result);

}
else
{
header("Location: $sitepath");
}
?>
<?php
makefooter();
?>

```

### auth/logout.php

*Destroys any cookies and kills the session data. Essentially that means that the user has been logged out. Redirects to index.php when done.*

```

<?php
include("../libraries/lib.php");
session_start();
setcookie('user', '', time()-3600, '/', $siteurl);
setcookie('token', '', time()-3600, '/', $siteurl);
setcookie('auth', '', time()-3600, '/', $siteurl);
session_destroy();
header('Location: /');
?>

```

### auth/signup.php

*This is the registration page. It takes your name and your TJ ID and sends that through POST to auth/adduser.php for parsing. I use javascript to check for errors and alert the user to fix them before they can submit.*

```

<?php
session_start();

```

```

include('../libraries/lib.php');
makeheader("Senior Destinations: Register");
?>
<script type="text/javascript">
<!--//--><![CDATA[//><!--
function check_submit(control, objname) {
if(document.signup.tjid.value.length==0){alert("Please enter your TJ
ID."); control.checked=false; return;}
if(document.signup.first.value.length==0){alert("Please enter your first
name."); control.checked=false; return;}
if(document.signup.last.value.length==0){alert("Please enter your last
name."); control.checked=false; return;}
document.signup.submit();
}
//--><![ ]]>
</script>
<noscript style="font-size:xx-large;font-weight:bold;color:red;">PLEASE ENABLE
JAVASCRIPT FOR THIS SITE. </noscript>
This site is for TJHSST students only. ALUMNI: you will NOT be able to register.
However, there is a communal alumni account, ask around for the user/password.
After registration, an email will be sent to your TJ email address (which ensures
only TJ students can register) with your login information. All fields are
required.<br><br>
<table>
<form action="adduser.php" method="post" name="signup">
<tr><td>TJ ID<font size='-2'>(e.g. 2010srush)</font>: *</td><td><input type=text
name="tjid" size=45></td></tr>
<tr><td>First Name: *</td><td><input type=text name="first" size=45></td></tr>
<tr><td>Last Name: *</td><td><input type=text name="last" size=45></td></tr>
</table>
<input type=button name=Confirm
onClick="check_submit(document.signup.Confirm,document.signup.submit)"
value="Register">
</form>
<?php
makefooter();
?>

```