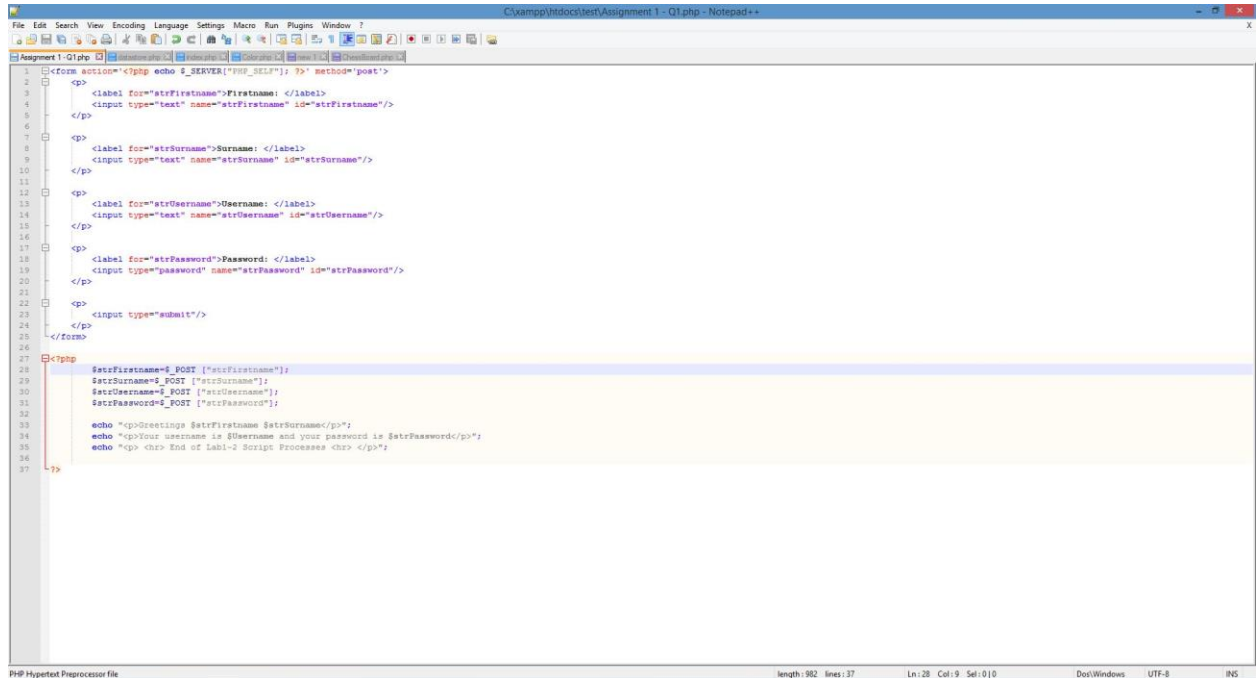


## Assignment no.1

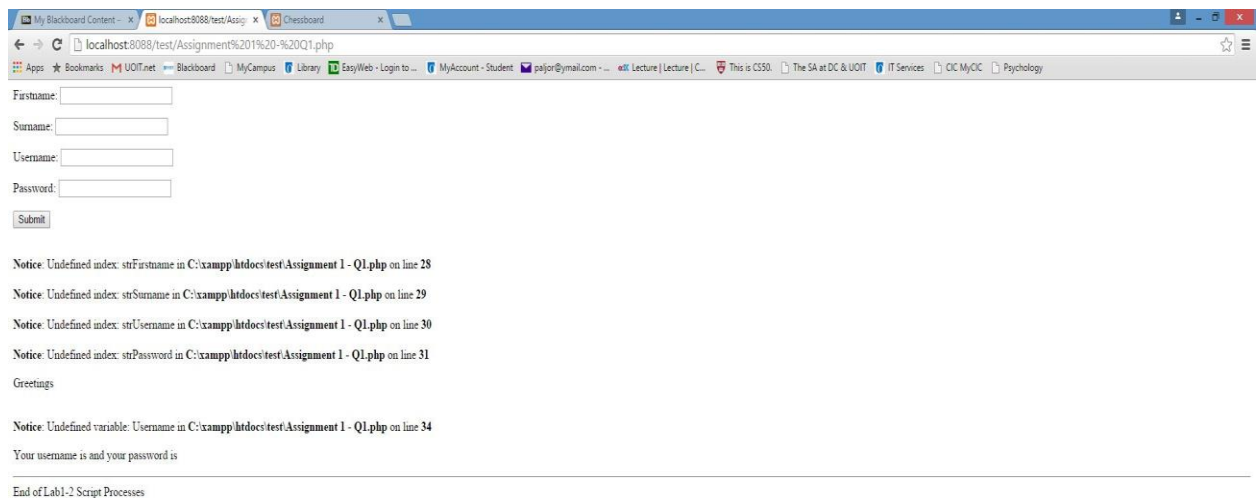
**1.1** The purpose of the `$_SERVER` array is for the web server to store information such as headers, paths, and the script location on the client's local machine. The web server creates the entries. In this case, it directs the server to look for the PHP script inside itself "PHP\_SELF" and not another directory.

**1.2** Source code:



```
1 <?php
2 <form action="<?php echo $_SERVER["PHP_SELF"]; ?>" method="post">
3     <div>
4         <label for="strFirstname">Firstname: </label>
5         <input type="text" name="strFirstname" id="strFirstname"/>
6     </div>
7     <div>
8         <label for="strSurname">Surname: </label>
9         <input type="text" name="strSurname" id="strSurname"/>
10    </div>
11    <div>
12        <label for="strUsername">Username: </label>
13        <input type="text" name="strUsername" id="strUsername"/>
14    </div>
15    <div>
16        <label for="strPassword">Password: </label>
17        <input type="password" name="strPassword" id="strPassword"/>
18    </div>
19    <input type="submit"/>
20 </form>
21
22 <?php
23 $strFirstname=$_POST ["strFirstname"];
24 $strSurname=$_POST ["strSurname"];
25 $strUsername=$_POST ["strUsername"];
26 $strPassword=$_POST ["strPassword"];
27
28 echo "<p>Greetings $strFirstname $strSurname</p>";
29 echo "<p>Your username is $strUsername and your password is $strPassword</p>";
30 echo "<p><br> End of Lab1-2 Script Processes <br></p>";
31
32 ?>
```

Output:



Firstname:

Surname:

Username:

Password:

Notice: Undefined index: strFirstname in C:\xampp\htdocs\test\Assignment 1 - Q1.php on line 28

Notice: Undefined index: strSurname in C:\xampp\htdocs\test\Assignment 1 - Q1.php on line 29

Notice: Undefined index: strUsername in C:\xampp\htdocs\test\Assignment 1 - Q1.php on line 30

Notice: Undefined index: strPassword in C:\xampp\htdocs\test\Assignment 1 - Q1.php on line 31

Greetings

Notice: Undefined variable: Username in C:\xampp\htdocs\test\Assignment 1 - Q1.php on line 34

Your username is and your password is

End of Lab1-2 Script Processes

### 1.3 Source code:

```
1 <form action=""><?php echo $ _SERVER["PHP_SELF"]; ?> method='post'>
2 <p>
3 <label for="strFirstname">Firstname:</label>
4 <input type="text" name="strFirstname" id="strFirstname"/>
5 </p><p>
6 <label for="strSurname">Surname:</label>
7 <input type="text" name="strSurname" id="strSurname"/>
8 </p><p>
9 <label for="strUsername">Username:</label>
10 <input type="text" name="strUsername" id="strUsername"/>
11 </p><p>
12 <label for="strPassword">Password:</label>
13 <input type="password" name="strPassword" id="strPassword"/>
14 </p><p>
15 <input type="submit" name="submit"/>
16 </p>
17 </form>
18 <?php
19 //Lab1-2
20 if(isset($_POST['submit']))
21 {
22     $strFirstname=$_POST["strFirstname"];
23     $strSurname=$_POST["strSurname"];
24     $strUsername=$_POST["strUsername"];
25     $strPassword=$_POST["strPassword"];
26
27     echo "<p> Greetings $strFirstname $strSurname</p>";
28     echo "<p> Your username is $strUsername and your password is $strPassword</p>";
29     echo "<p> <br> End of Lab1-2 Script Process</p>";
30 }
31 <?>
```

### Output:

My Backboard Content - X | localhost:8088/test/Assign-1-Q1.php | Cheatsheet

localhost:8088/test/Assign-1-Q1.php

Firstname:

Surname:

Username:

Password:

Greetings tsering pajor

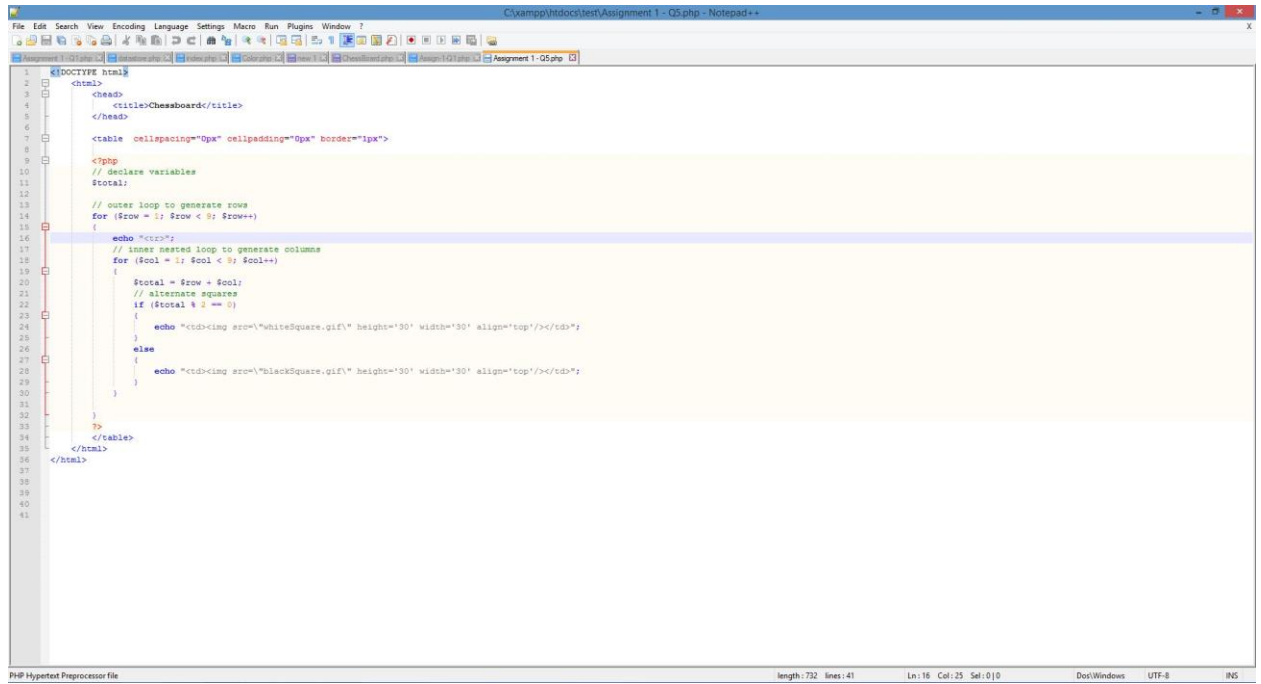
Your username is gappajor and your password is kingpin

---

End of Lab1-2 Script Process

2

Source code:



```

1 <?php
2 <html>
3 <head>
4 <title>Chessboard</title>
5 </head>
6
7 <table cellpadding="0px" cellspacing="0px" border="1px">
8
9 <tbody>
10 // declare variables
11 $total;
12
13 // outer loop to generate rows
14 for ($row = 1; $row < 6; $row++)
15 {
16     echo "<tr>";
17     // inner nested loop to generate columns
18     for ($col = 1; $col < 6; $col++)
19     {
20         $total = $row + $col;
21         // alternate squares
22         if ($total % 2 == 0)
23         {
24             echo "<td><img src='\"whiteSquare.gif\"' height='50' width='50' align='top' /></td>";
25         }
26         else
27         {
28             echo "<td><img src='\"blackSquare.gif\"' height='50' width='50' align='top' /></td>";
29         }
30     }
31     echo "<br>";
32 }
33 </tbody>
34 </table>
35 </html>
36
37
38
39
40
41

```

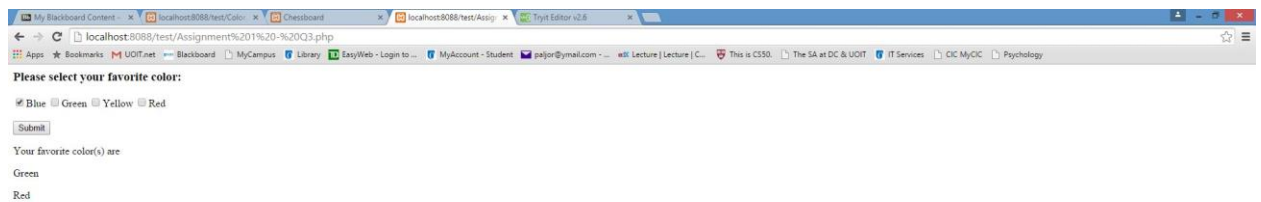
Output:



### 3 Source code:

```
1 <?php
2 <form action="" method="post">
3 <input type="checkbox" name="b" value="Blue" checked="checked" /> Blue
4 <input type="checkbox" name="g" value="Green" /> Green
5 <input type="checkbox" name="y" value="Yellow" /> Yellow
6 <input type="checkbox" name="r" value="Red" /> Red
7 <br>
8 <input type="submit" name="Submit" />
9 </form>
10
11
12 <?php
13 /* determine which colors were selected
14 (individual control structures needed for multiple selection)
15 */
16 if (isset($_POST["Submit"]))
17 {
18     echo "<p>Your favorite color(s) are </p>";
19     if (isset($_POST["b"]))
20     {
21         $b = $_POST["b"];
22         echo "<p>$b</p>";
23     }
24     if (isset($_POST["g"]))
25     {
26         $g = $_POST["g"];
27         echo "<p>$g</p>";
28     }
29     if (isset($_POST["y"]))
30     {
31         $y = $_POST["y"];
32         echo "<p>$y</p>";
33     }
34     if (isset($_POST["r"]))
35     {
36         $r = $_POST["r"];
37         echo "<p>$r</p>";
38     }
39 }
40 >>
```

### Output:

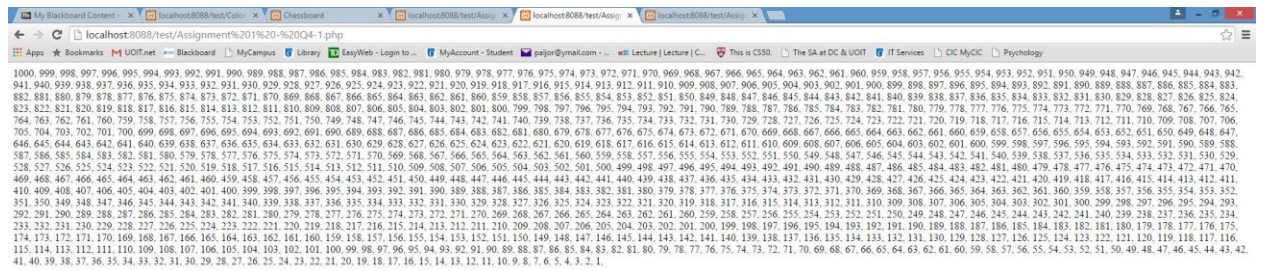


### 4.1 Print all integer from 1000 to 1

### Source code:

```
1 <?php
2 // prints the numbers 1000 to 1 (descending)
3 for ($count = 1000; $count > 0; $count--)
4 {
5     echo $count . "<br>";
6 }
7 >>
```

Output:



## 4.2 Print all odd number between 50-1

Source code:



Output:



#### 4.3 Computes a deposited amount after 5 years based on the simple interest of CAD 1000.00

Source code:

```
1 <form action="" method="post">
2
3 <div>
4 <label for="Amount">Amount:</label>
5 <input type="number" name="Amount" id="Amount"></input>
6 </div>
7 <div>
8 <label for="interest">Interest Rate:</label>
9 <input type="number" name="interest" id="interest"></input>
10 </div>
11 <div>
12 <label for="time">Duration (Year):</label>
13 <input type="number" name="time" id="time">Year</input>
14 </div>
15 <div>
16 <input type="submit" name="Submit"></input>
17 </div>
18 </form>
19
20 <?php
21 // calculatee appreciated amount of interest on a deposited amount of 1000 CAD after 5 years
22 if (isset($_POST["Submit"]))
23 {
24 $interest = $_POST["interest"];
25 $amount = $_POST["Amount"];
26 $time = $_POST["time"];
27 $amount = $amount * (pow(1+ ($interest/100.0), $time));
28
29 echo "<br>The appreciated amount 5 years after deposit at $interest % interest will be ".round($amount,2). " CAD";
30 }
31 ?>
```

Output:

Amount:  CAD

Interest Rate:  %

Duration (Year):  Year

The appreciated amount 5 years after deposit at 2 % interest will be 1104.08 CAD

## 5 Chess Board

Source code:

```
C:\xampp\htdocs\Assignment 1 - Q5.php - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
Assignment 1 - Q5.php C:\xampp\htdocs\Assignment 1 - Q5.php C:\xampp\htdocs\Assignment 1 - Q5.php C:\xampp\htdocs\Assignment 1 - Q5.php C:\xampp\htdocs\Assignment 1 - Q5.php C:\xampp\htdocs\Assignment 1 - Q5.php C:\xampp\htdocs\Assignment 1 - Q5.php C:\xampp\htdocs\Assignment 1 - Q5.php C:\xampp\htdocs\Assignment 1 - Q5.php C:\xampp\htdocs\Assignment 1 - Q5.php
1 <?DOCTYPE html>
2 <html>
3 <head>
4 <title>Chessboard</title>
5 </head>
6
7 <table cellpadding="0px" cellspacing="0px" border="1px">
8
9 <?php
10 // declare variables
11 $total;
12
13 // outer loop to generate rows
14 for ($row = 1; $row < 8; $row++)
15 {
16     echo "<tr>";
17     // inner nested loop to generate columns
18     for ($col = 1; $col < 8; $col++)
19     {
20         $total = $row + $col;
21         // alternate squares
22         if ($total % 2 == 0)
23         {
24             echo "<td><img src='\"whiteSquare.gif\"' height='50' width='50' align='top' /></td>";
25         }
26         else
27         {
28             echo "<td><img src='\"blackSquare.gif\"' height='50' width='50' align='top' /></td>";
29         }
30     }
31 }
32 </table>
33 </html>
34
35
36
37
38
39
40
41
PHP Hypertext Preprocessor file length: 732 lines: 41 Ln: 16 Col: 25 Sel: 0|0 Dos/Windows UTF-8 PNG
```

Output:

