

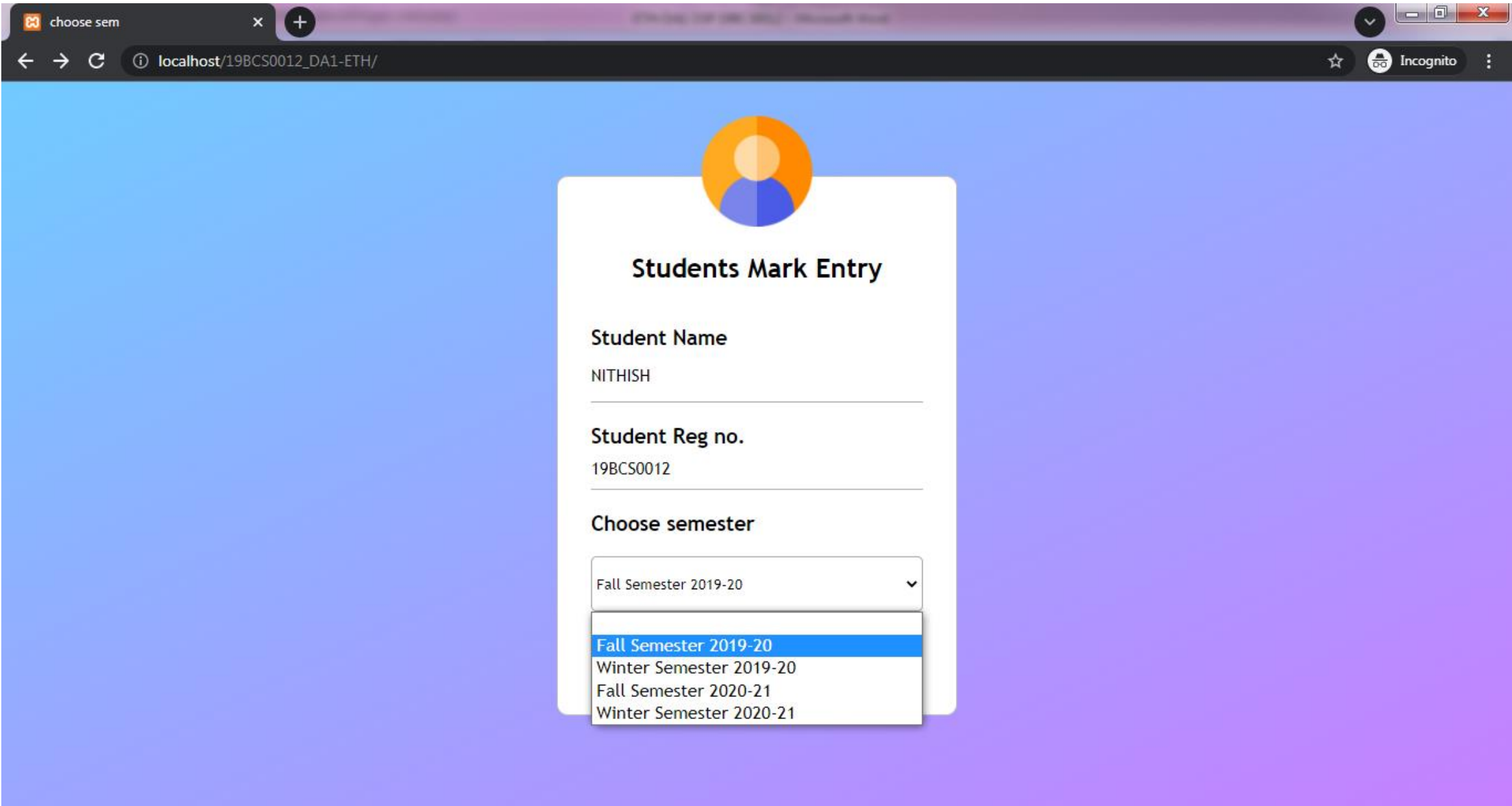
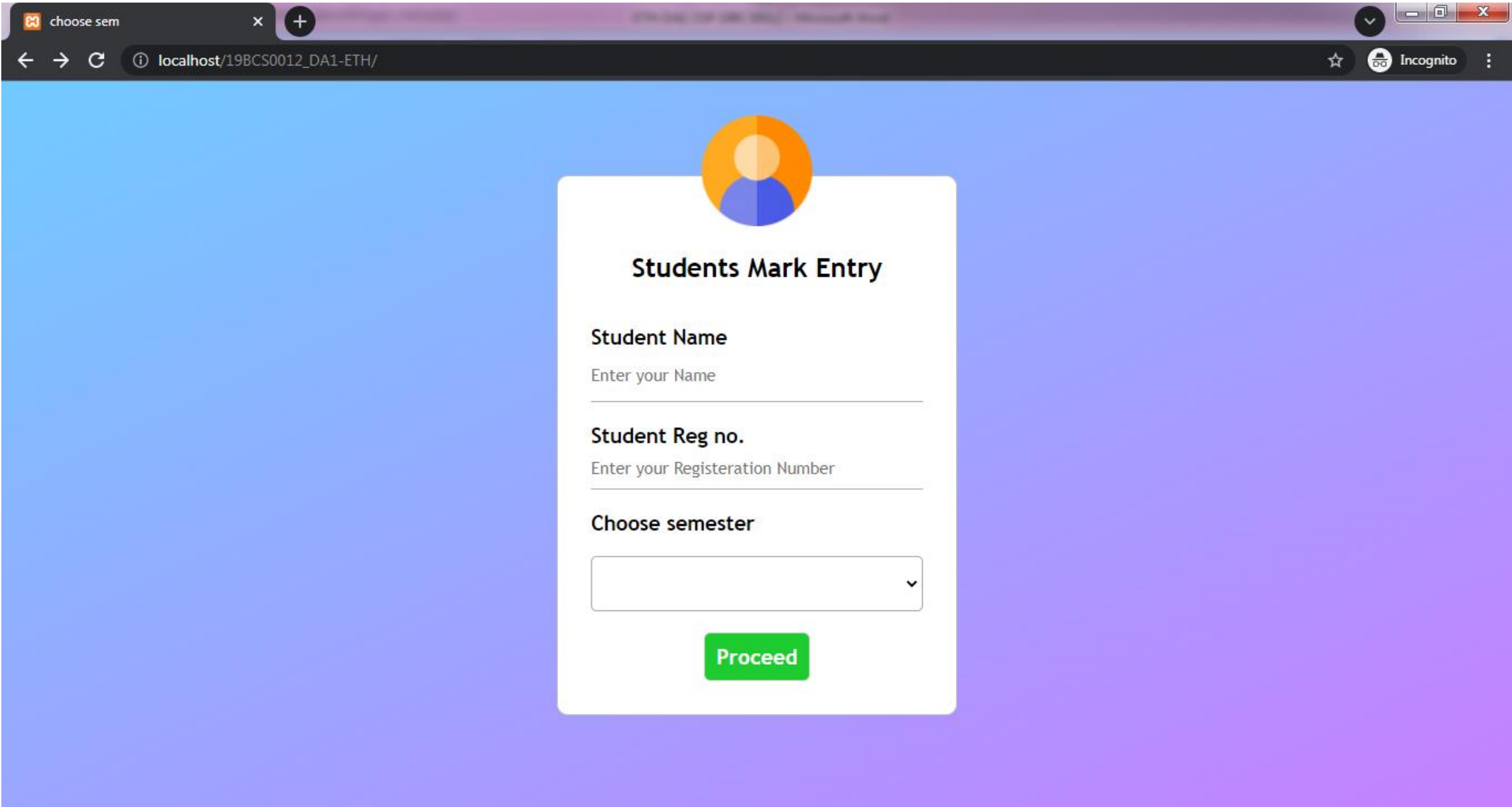
NAME : NITHISH  
REG No. : 19BCS0012  
COURSE : OPEN SOURCE PROGRAMMING  
DATE : 30/01/2022

ETH DIGITAL ASSIGNMENT – 1

Implement a web application in PHP using conditional statements and switch statements.

Web Application on Students Mark Entry system using PHP


Output (with right Input)



choose sem

localhost/19BCS0012\_DA1-ETH/

Incognito



### Students Mark Entry

Student Name

NITHISH

Student Reg no.

19BCS0012

Choose semester


Fall Semester 2019-20

Proceed

19BCS0012 WEB APPLICATION

localhost/19BCS0012\_DA1-ETH/get\_mark.php

Incognito



### Students Mark Entry

Reg No. : 19BCS0012

Name : NITHISH


Subject	Mark
IT & Bussinesss Application	
Computational Thinking	
Digital logic and design	
Soft Skills	
Programming Fundamentals	

Calculate

19BCS0012 WEB APPLICATION

localhost/19BCS0012\_DA1-ETH/get\_mark.php

Incognito



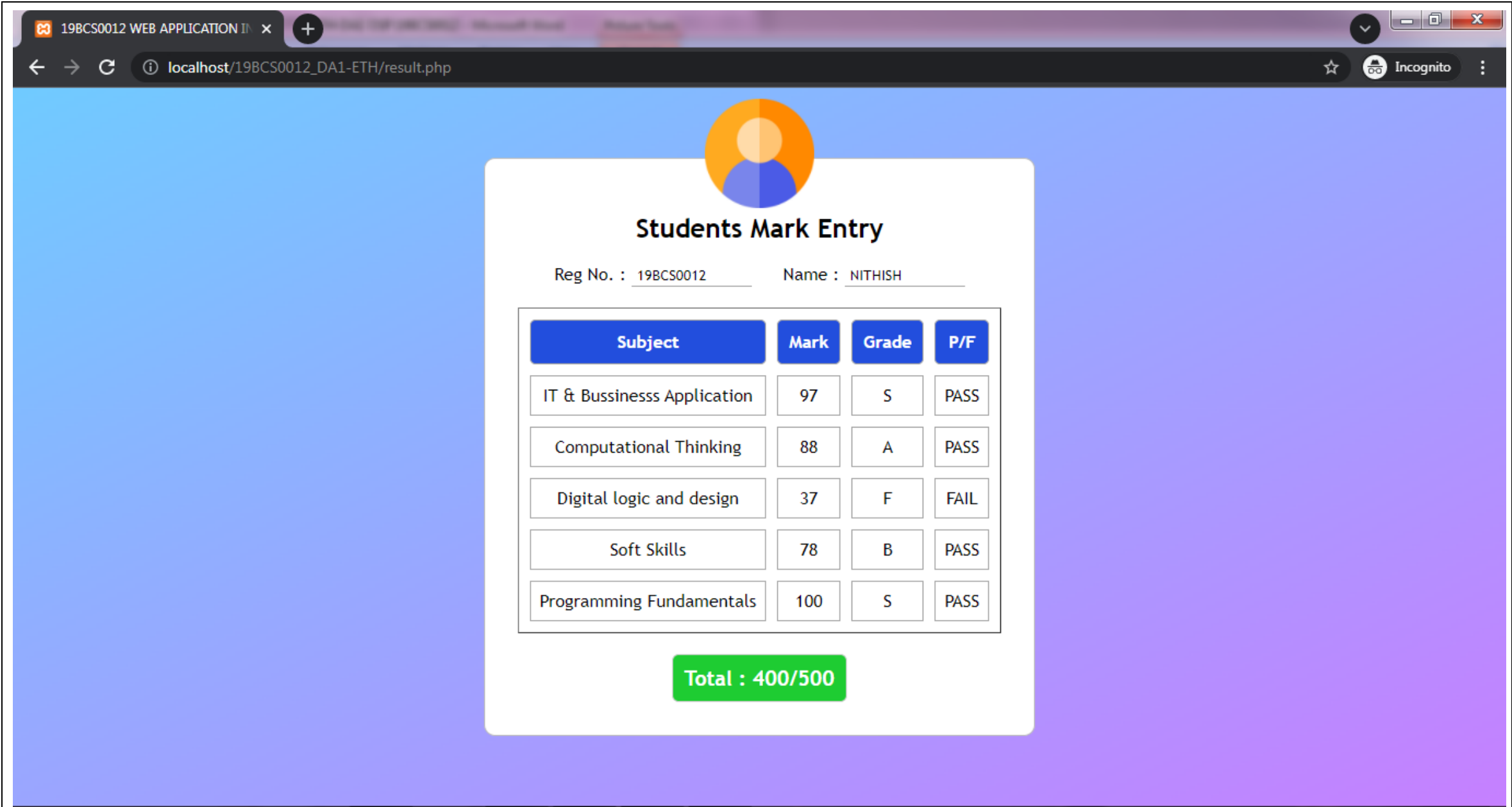
### Students Mark Entry

Reg No. : 19BCS0012

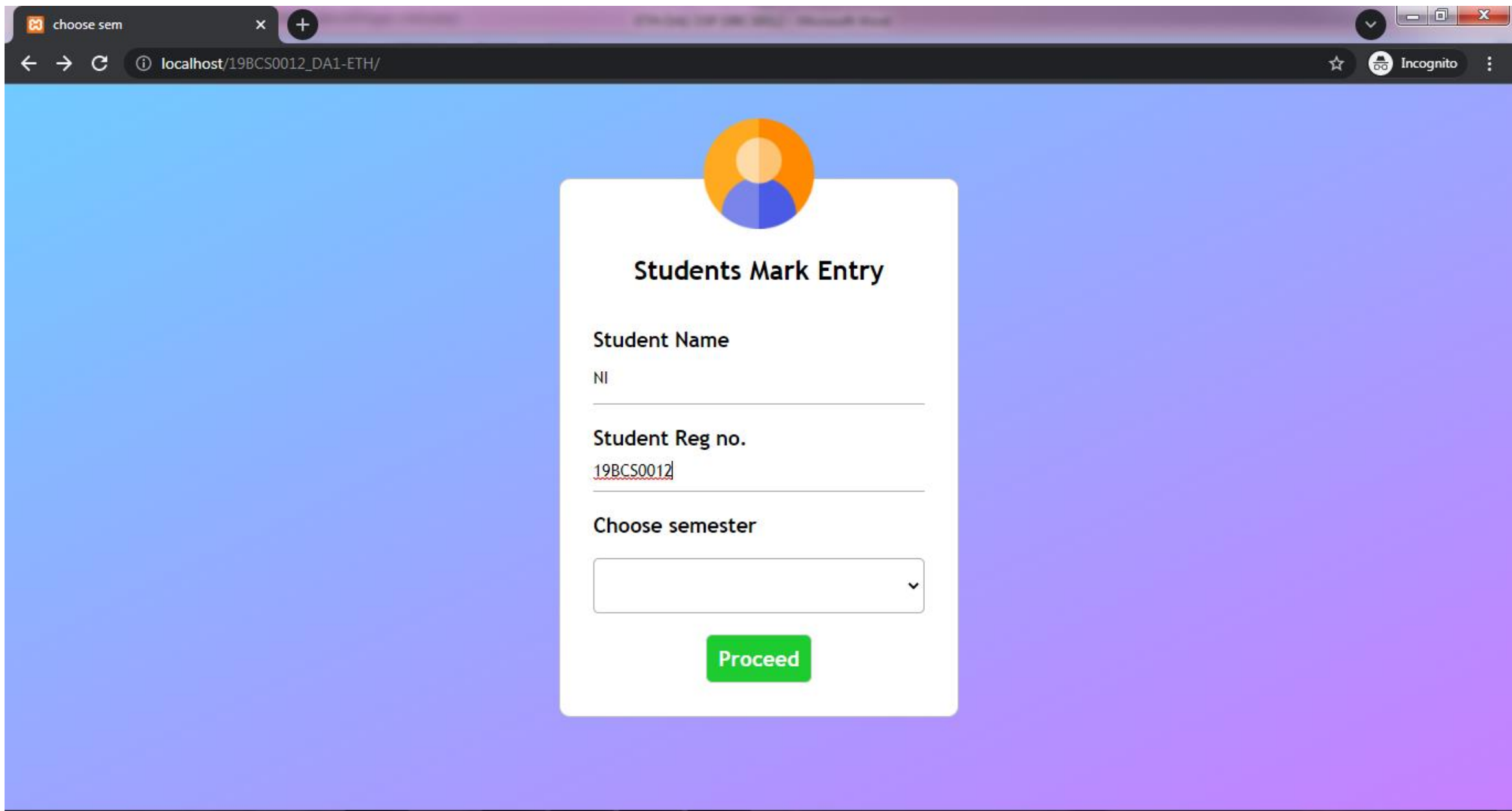
Name : NITHISH

Subject	Mark
IT & Bussinesss Application	97
Computational Thinking	88
Digital logic and design	37
Soft Skills	78
Programming Fundamentals	100

Calculate



Output (with wrong Input or No Input)



19BCS0012 WEB APPLICATION II

localhost/19BCS0012\_DA1-ETH/get\_mark.php

Incognito

Students Mark Entry

Reg No. : 19BCS0012      Name : NI

Invalid Name

Subject	Mark
--	
--	
--	
--	
--	

Calculate

choose sem

localhost/19BCS0012\_DA1-ETH/

Incognito

Students Mark Entry

Student Name  
NITHISH

Student Reg no.  
BCS0012

Choose semester

Proceed

19BCS0012 WEB APPLICATION II

localhost/19BCS0012\_DA1-ETH/get\_mark.php

Incognito

Students Mark Entry

Reg No. : BCS0012      Name : NITHISH

Reg No. should be on following format eg. 19BCS0012 or invalid reg no.

Subject	Mark
--	
--	
--	
--	
--	

Calculate

Source code:

INDEX.html

```
<!DOCTYPE HTML>

<html>

<head>

  <title>choose sem</title>

  <link rel="stylesheet" href="19BCS0012_DA1.css" />

</head>

<body>

  <form action="get_mark.php" method="post">

    <div class="student_con">

      <center>  </center>

      <br>

      <h2 style="text-align: center;">Students Mark Entry</h2><br>

      <br>

      <h3>Student Name</h3>

      <input name="name" type="text" placeholder="Enter your Name" style="width : 100%; padding: 15px 0px; font-size: 15px;" />

      <br><br>

      <h3>Student Reg no.</h3>

      <input name="reg" type="text" placeholder="Enter your Registration Number" style="width : 100%; padding: 10px 0px; font-size: 15px;" />

      <br><br>

      <h3>Choose semester</h3>          <br>

      <select name='sem'>

        <option></option>

        <option>Fall Semester 2019-20</option>

        <option>Winter Semester 2019-20</option>

        <option>Fall Semester 2020-21</option>

        <option>Winter Semester 2020-21</option>

      </select>

      <br><br>

      <center>

        <input type="submit" value="Proceed" />

      </center>

    </div>

  </form>

</body>

</html>
```

</form>

</body>

</html>

[GET MARK.PHP](#)

<!DOCTYPE HTML>

<html>

<head>

<title>19BCS0012 WEB APPLICATION IN PHP</title>

<link rel="stylesheet" href="19BCS0012\_DA1.css" />

<?php

\$name = \$\_POST['name'];

\$reg = \$\_POST['reg'];

\$sem = \$\_POST['sem'];

\$err=";

\$subj = array('--','--','--','--','--');

if(preg\_match('/^\d{2}[A-Z]{3}\d{4}\$/', \$reg)<= 0)

{ \$err= 'Reg No. should be on following format eg. 19BCS0012 or invalid reg no.';}

else if( preg\_match('/[A-Za-b]{3,}/', \$name)<= 0)

{ \$err= 'Invalid Name';}

else if(preg\_match('/^.{5,}\$/', \$sem)<= 0)

{ \$err= 'Semester Not choosed';}

else{

switch(\$sem)

{

case "Fall Semester 2019-20":

\$subj = array("IT & Bussinesss Application", "Computational Thinking", "Digital logic and design", 'Soft Skills','Programming Fundamentals', 'Soft skills');

break;

case "Winter Semester 2019-20";

\$subj = array("Operating system", "Environmental Science" , "Statistical Applications", "Principle of computer graphics", "Soft skills");

break;

default:

\$subj = array("Subject 1", "Subject 2" , "Subject 3", "Subject 4", "Subject 5");



}

}

?>

&lt;/head&gt;

<body>

```
<form action="result.php" method="post">
```

<div class="student\_con">

```
<center>  </center>
```

## Students Mark Entry

<br>

<center>

Reg No. :

Name :

<br><br>

```
<p style="color : red;
```

padding-bottom: 10px;"> <?php echo \$err; ?></p>

```
<table border='1' cellspacing='10'>
```

|
 Subject | Mark |

```
<!-- Mark 1 -->
```

|

```
<td name='subj1'><?php echo $subj[0]; ?></td>
```

  |

```
<!-- Mark 2 -->
```

|

```
<td name='subj2'><?php echo $subj[1]; ?></td>
```

  |

```
<!-- Mark 3 -->

    <tr>

        <td name='subj3'><?php echo $subj[2]; ?></td>

        <td><input name="m3" type='number' /></td>

    </tr>

<!-- Mark 4 -->

    <tr>

        <td name='subj4'><?php echo $subj[3]; ?></td>

        <td><input name="m4" type='number' /></td>

    </tr>

<!-- Mark 5 -->

    <tr>

        <td name='subj5'><?php echo $subj[4]; ?></td>

        <td><input name="m5" type='number' value="" /></td>

    </tr>

</table>

<br>

<input type="submit" value="Calculate" />

</center>

</div>

<input type="hidden" name="name" value="<?php echo $name; ?>" />
<input type="hidden" name="reg" value="<?php echo $reg; ?>" />

<input type="hidden" name="subj1" value="<?php echo $subj[0]; ?>" />
<input type="hidden" name="subj2" value="<?php echo $subj[1]; ?>" />
<input type="hidden" name="subj3" value="<?php echo $subj[2]; ?>" />
<input type="hidden" name="subj4" value="<?php echo $subj[3]; ?>" />
<input type="hidden" name="subj5" value="<?php echo $subj[4]; ?>" />

</form>

</body>

</html>
```



RESULT.PHP

```
<!DOCTYPE HTML>

<html>

<head>

  <title>19BCS0012 WEB APPLICATION IN PHP</title>

  <link rel="stylesheet" href="19BCS0012_DA1.css" />

</head>

<body>

<?php

    $subj = array($_POST['subj1'],$_POST['subj2'],$_POST['subj3'],$_POST['subj4'],$_POST['subj5']);

    $mrk = array($_POST['m1'],$_POST['m2'],$_POST['m3'],$_POST['m4'],$_POST['m5']);

    $grd = array();

    $sts = array('PASS','PASS','PASS','PASS','PASS');

    for($i=0;$i<sizeof($mrk);$i++)

    {

        if($mrk[$i]>=90)

        {

            $grd[$i] ='S';

        }

        elseif($mrk[$i]>=80 && $mrk[$i]<89 )

        {

            $grd[$i] ='A';

        }

        elseif($mrk[$i]>=70 && $mrk[$i]<79 )

        {

            $grd[$i] ='B';

        }

        elseif($mrk[$i]>=69 && $mrk[$i]<60 )

        {

            $grd[$i] ='C';

        }

        elseif($mrk[$i]>=50 && $mrk[$i]<59 )

        {

            $grd[$i] ='D';

        }

        elseif($mrk[$i]>=40 && $mrk[$i]<49 )

        {
```

[illegible]

```
<tr>

    <td><?php echo $subj[1];?></td>

    <td><?php echo $mrk[1];?></td>

    <td><?php echo $grd[1];?></td>

    <td><?php echo $sts[1];?></td>

</tr>

<!-- Mark 3 -->

    <tr>

        <td><?php echo $subj[2];?></td>

        <td><?php echo $mrk[2];?></td>

        <td><?php echo $grd[2];?></td>

        <td><?php echo $sts[2];?></td>

    </tr>

<!-- Mark 4 -->

    <tr>

        <td><?php echo $subj[3];?></td>

        <td><?php echo $mrk[3];?></td>

        <td><?php echo $grd[3];?></td>

        <td><?php echo $sts[3];?></td>

    </tr>

<!-- Mark 5 -->

    <tr>

        <td><?php echo $subj[4];?></td>

        <td><?php echo $mrk[4];?></td>

        <td><?php echo $grd[4];?></td>

        <td><?php echo $sts[4];?></td>

    </tr>

</table>

<br>

<input type="button" value="Total : <?php echo $total; ?>/500" />

</center>

</div>

</body>

</html>
```

**THANK YOU MAM!**