Objectives
    – Create PHP file that works like interface between webpage and Db
    – Create an HTML file that contain forms to send data to PHP
    – Create a database to store and retrieve data using PHP and phpmyadmin.

Task 1
- Create PHP file to read student data (RNo, Sname, 3 subject marks) from html form and display the result in the table as shown below. (Use POST method)

Task 2
- Create PHP file to read student user Id and password from html form and validate the credentials and display student details as shown in the following table. (**Use GET** method) – Using phpmyadmin to create the database.

Task 1

Sample Table

RNo	SName	Total	Percentage	Result
70274	Chandra Mohan	273	91	First Class

Code

home.php

```
<!DOCTYPE html>
<html>
  <head>
    <title>
      Verifying the entries using get
    </title>
  </head>
<body>
  <form method='POST' action="display.php">
    <div>
      R.No.<br>
      <input type="text" name="rno">
    </div>
    <div>
      S.Name<br>
      <input type="text" name="sname">
    </div>
    <div>
      Mark 1<br>
      <input type="number" name="mk1">
    </div>
    <div>
      Mark 2<br>
```

```html
        <input type="number" name="mk2">
      </div>
      <div>
        Mark 3<br>
        <input type="number" name="mk3">
      </div>
      <br>
      <input type="submit" value="Submit">
    </form>
</body>
```

display.php

```php
<?php

//$u = $_GET['uid'];


if(isset($_POST['rno']))
{
    $rno = $_POST['rno'];
    $sname = $_POST['sname'];
    $mark1 = $_POST['mk1'];
    $mark2 = $_POST['mk2'];
    $mark3 = $_POST['mk3'];

    $total = $mark1 + $mark2 + $mark3;
    $percentage = $total/3;

    if($percentage>90)
    {
        $class='First Class';
    }
    else if($percentage>80)
    {
        $class='Second Class';
    }
    else if($percentage>70)
    {
        $class='Third Class';
    }
    else if($percentage>60)
    {
        $class='Distinction';
    }
    else
    {
        $class='Fail';
    }
```

```php
    echo "<table border='1'>
    <tr>
    <th>RNo</th>
    <th>SName</th>
    <th>Total</th>
    <th>Percentage</th>
    <th>Result</th>
    </tr>";

  echo "<tr>";
  echo "<td>" . $rno . "</td>";
  echo "<td>" . $sname . "</td>";
  echo "<td>" . $total . "</td>";
  echo "<td>" . $percentage . "</td>";
  echo "<td>" . $class . "</td>";
  echo "</tr>";

}

?>
```
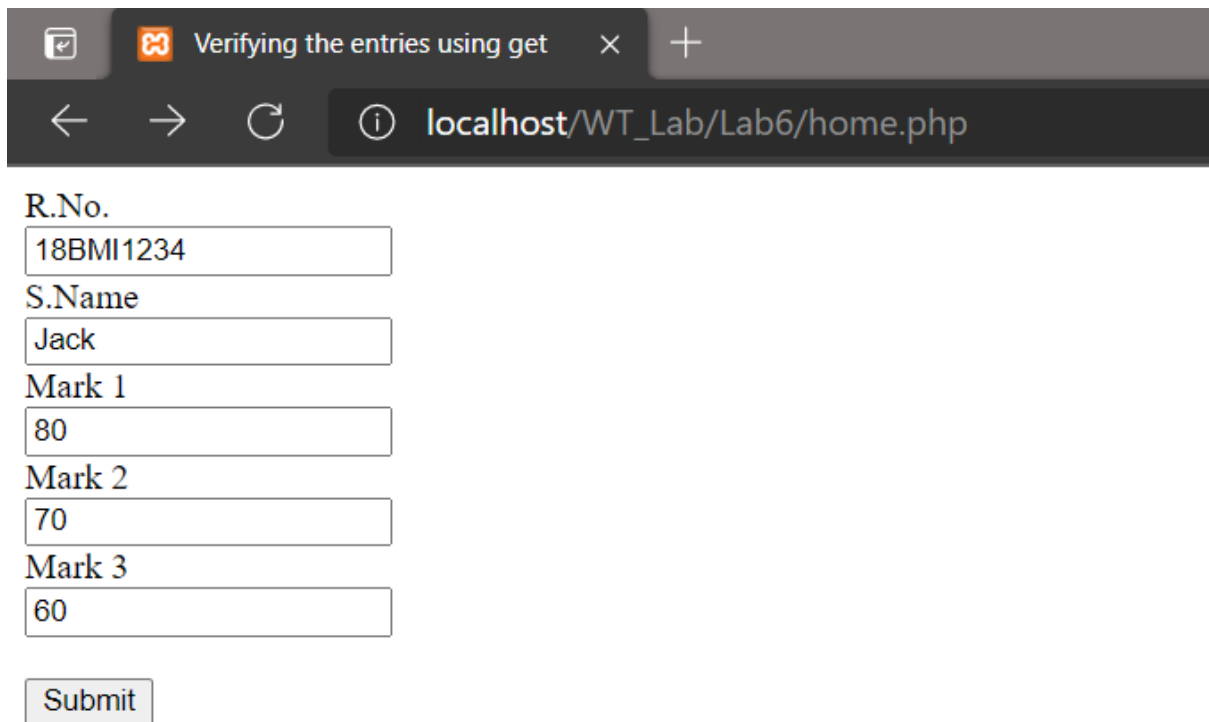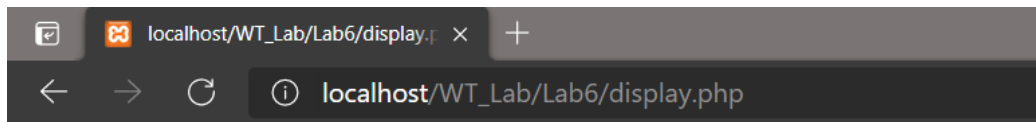
Output

RNo	SName	Total	Percentage	Result
18BMI1234	Jack	210	70	Distinction

Task 2

Sample Table

RNo	SName	Email	User Id	Mobile Number
VIT001	Rudraunsh	rudra.d@gmail.com	rudra	9012345678

dbname – test4
table – student2

Steps

- Go to localhost / phpMyAdmin on your browser
- In the phpmyadmin -> create a new database (ex. test4)
- Create a new table within the given database (ex.student2)

- Enter the details into the created table

- Table with the entered values displayed below.

Code

home.php

```
<!DOCTYPE html>
<html>
  <head>
    <title>
      Verifying the entries using get
    </title>
  </head>
<body>
  <form method='GET' action="display.php">
    <div>
      User Id<br>
      <input type="text" name="uid">
```

```html
      </div>
      <div>
        Password<br>
        <input type="password" name="psd">
      </div>

      <br>
      <input type="submit" value="Display">
   </form>
</body>
```

display.php

```php
<html>
<head>
<title>Student Details</title>
</head>
<body>
<?php

 $host = "localhost";
 $dbUsername = "root";
 $dbPassword = "";
 $dbname = "test4";

 //Create Connection
 $conn = new mysqli($host, $dbUsername, $dbPassword, $dbname);

 $p=$_GET["psd"];

 $query1 = "SELECT * FROM student2 where Password = $p";
 $result = $conn->query($query1);
?>


<?php
if($result)
{
  if($result->num_rows>0)
  {?>
  <br>
  <table border="1">
  <caption>Student Details</caption>
  <tr><th>RNo</th><th>SName</th><th>Email</th><th>User Id</th><th>Mobile
Number</th></tr>
  <?php

    //output data of each row
    while($row=$result->fetch_assoc()) {
      ?>
      <tr>
```

```php
        <td><?php echo $row["RNo"];?></td>
        <td><?php echo $row["SName"];?></td>
        <td><?php echo $row["Email"];?></td>
        <td><?php echo $row["User Id"];?></td>
        <td><?php echo $row["Mobile Number"];?></td>
        </tr>
        <?php


    }
  }
  else
{
    echo "<b>Invalid Credentials<b>";
}
}


$conn->close();
?>
</table>
</body>
</html>
```
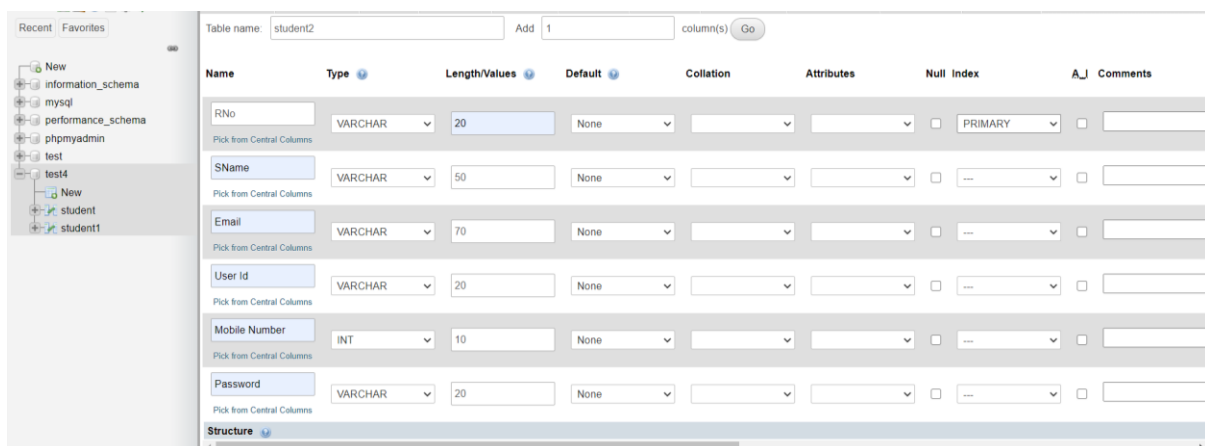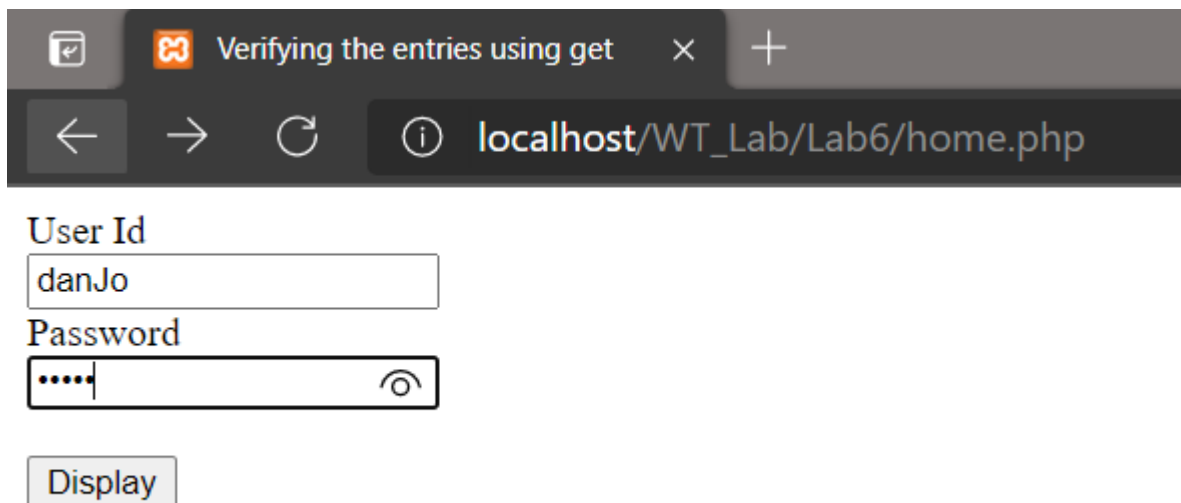
Output

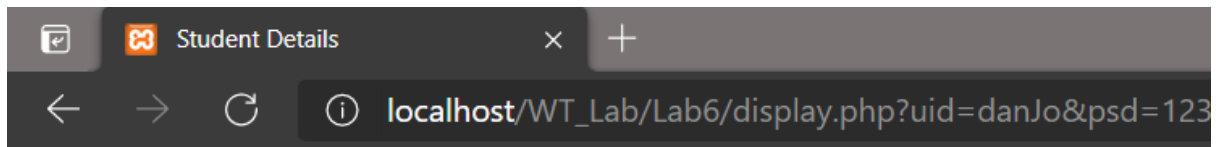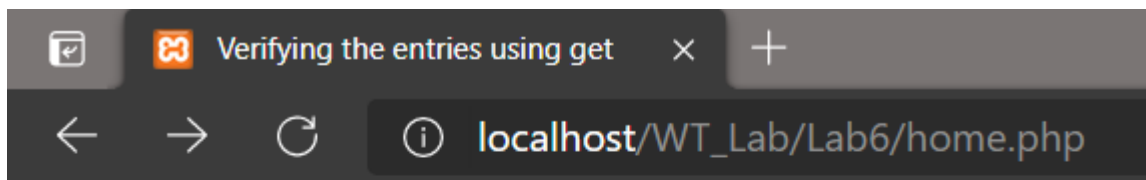**Case 1 – Valid Entry**

User Id – danJo
Password – 12345

Student Details

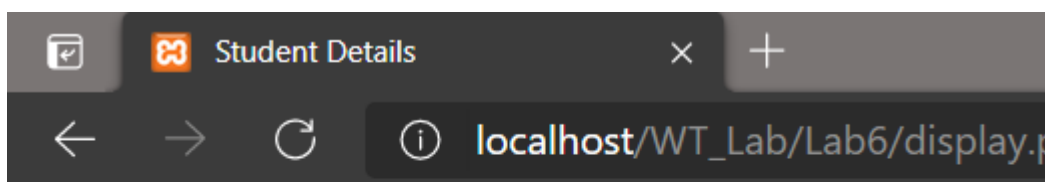| RNo	SName	Email	User Id	Mobile Number
BCD12345	John	john@john123.com	danJo	1234987654

Case 2 – Invalid Entry

User Id – Glen
Password – 123

User Id

Glen

Password

•••

Display

Invalid Credentials