Assignment No: 6

Design and develop a responsive website to prepare one semester result of VIT students using JavaScript, PHP and MySQL. Take any four subjects with MSE Marks (30%) ESE Marks (70%).

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Class: TYCS-D

Roll No: 66

Batch: D3

Code:

1. **home.php:**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Result Assignment</title>
    <style>
        body {
            background-color: #111;
            color: #eee;
            font-family: Arial, sans-serif;
        }

        .container {
            margin: 50px auto;
            max-width: 500px;
            padding: 20px;
            background-color: #222;
            box-shadow: 0px 0px 10px rgba(0,0,0,0.5);
            border-radius: 10px;
        }

        h1 {
            text-align: center;
            color: #eee;
            margin-top: 0;
```

```
            margin-bottom: 30px;
        }

        form {
            display: flex;
            flex-direction: column;
        }

        label {
            margin-bottom: 10px;
            color: #eee;
            font-weight: bold;
            letter-spacing: 1px;
        }

        input[type="text"] {
            padding: 15px;
            font-size: 16px;
            border: none;
            border-radius: 5px;
            margin-bottom: 25px;
            background-color: #444;
            box-shadow: inset 0 1px 3px rgba(0,0,0,0.5);
            color: #eee;
        }

        input[type="submit"] {
            background-color: #eee;
            border: 1px solid #00ff00;
            padding: 15px 30px;
            font-size: 16px;
            border-radius: 5px;
            cursor: pointer;
            color: #00ff00;
            text-transform: uppercase;
            letter-spacing: 1px;
        }

        input[type="submit"]:hover {
            background-color: #00ff00;
            color:#111;
        }

    </style>
</head>
<body>
    <div class="container">
        <h1>Result Generator</h1>
```

```html
        <form method="post" onsubmit="return formValidation()">
            <label>Enter your PRN Number:</label>
            <input type="text" name="prnno" id="prnno" required>
            <input type="submit" name="OK" value="Submit">
        </form>
        <?php
        if(isset($_POST['OK'])){
            $prnno = $_POST['prnno'];

            header("Location:generate.php?prnno=$prnno");
            exit();
        }
        ?>
    </div>

    <script>
        function formValidation() {
            var prnno = document.getElementById("prnno").value;
            if (!/^\d{8}$/.test(prnno)) {
                alert("Please enter a valid PRN number with 8 digits");
                return false;
            }
            return true;
        }
    </script>
</body>
</html>
```

2. **generate.php:**

```html
<!DOCTYPE html>
<html>
<head>
    <title>Marksheet</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
<img align="right" src="logo.jpg" width="110" height="110" />
<center><h1>Provisional Marksheet</h1>
    <p>Bansilal Ramnath Agarwal Charitable Trust's<br>
        <b>Vishwakarma Institute of Technology, Pune</b><br>(An Autonomous
Institute affiliated to Savitribai Phule Pune University)</center>
</p>
<hr>
<?php
    $servername = "localhost";
```

```php
$username = "root";
$password = "";
$dbname = "college";

$conn = mysqli_connect($servername, $username, $password, $dbname);

if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

if(isset($_GET['prnno'])) {
    $prnno = $_GET['prnno'];

    $sql = "SELECT * FROM result WHERE prn = '$prnno'";

    $result = mysqli_query($conn, $sql);

    if (mysqli_num_rows($result) > 0) {
        while($row = mysqli_fetch_assoc($result)) {
            $rollno=$row['roll_no'];
            $name = $row['name'];
            $mothersname = $row['mother_name'];
            $branch = $row['branch'];
            $class = $row['class'];
            $year = $row['year_of_exam'];
            $semester = $row['semester'];
            $wt_mse = $row['wt_mse'];
            $daa_mse = $row['daa_mse'];
            $cd_mse = $row['cd_mse'];
            $cc_mse = $row['cc_mse'];
            $wt_ese = $row['wt_ese'];
            $daa_ese = $row['daa_ese'];
            $cd_ese = $row['cd_ese'];
            $cc_ese = $row['cc_ese'];

            $total_mse = $wt_mse + $daa_mse + $cd_mse + $cc_mse;
            $total_ese = $wt_ese + $daa_ese + $cd_ese + $cc_ese;
            $total_marks = (($total_mse * 0.3) + ($total_ese * 0.7));
            $percentage = (($total_marks / 400) * 100);
            $sgpa =(($percentage+7.5) / 10);

            if($sgpa >= 10) {
                $sgpa=10;
                $grade = 'A+';
            } elseif($sgpa >= 9) {
                $grade = 'A';
            } elseif($sgpa >= 8) {
                $grade = 'B+';
```

```php
                } elseif($sgpa >= 7) {
                    $grade = 'B';
                } elseif($sgpa >= 6) {
                    $grade = 'C+';
                } elseif($sgpa >= 5) {
                    $grade = 'C';
                } elseif($sgpa >= 4) {
                    $grade = 'D';
                } else {
                    $grade = 'F';
                }
            }
        }
        else {
            exit("No results found for PRN number $prnno");
        }
    }
?>

<div class="mark-sheet">
    <h2 style = "text-align:center;">Result</h2>
  <div class="details">
    <div class="detail">
      <span>Roll No.:</span>
      <span><?php echo $rollno?></span>
    </div>
    <div class="detail">
      <span>PRN:</span>
      <span><?php echo $prnno ?></span>
    </div>
    <div class="detail">
      <span>Name:</span>
      <span><?php echo $name ?></span>
    </div>
    <div class="detail">
      <span>Mother's Name:</span>
      <span><?php echo $mothersname ?></span>
    </div>
    <div class="detail">
      <span>Branch:</span>
      <span><?php echo $branch ?></span>
    </div>
    <div class="detail">
      <span>Class:</span>
      <span><?php echo $class ?></span>
    </div>
    <div class="detail">
      <span>Year of Exam:</span>
```

```
            <span><?php echo $year ?></span>
        </div>
        <div class="detail">
            <span>Semester:</span>
            <span><?php echo $semester ?></span>
        </div>
    </div>


<table>
    <tr>
        <th>Subject</th>
        <th>MSE</th>
        <th>ESE</th>
    </tr>
    <tr>
        <th class = "subjects">WT</th>
        <td><?php echo $wt_mse ?></td>
        <td><?php echo $wt_ese ?></td>
    </tr>
    <tr>
        <th class = "subjects">DAA</th>
        <td><?php echo $daa_mse ?></td>
        <td><?php echo $daa_ese ?></td>
    </tr>
    <tr>
        <th class = "subjects">CD</th>
        <td><?php echo $cd_mse ?></td>
        <td><?php echo $cd_ese ?></td>
    </tr>
    <tr>
        <th class = "subjects">CC</th>
        <td><?php echo $cc_mse ?></td>
        <td><?php echo $cc_ese ?></td>
    </tr>
    <tr>
        <th class = "subjects">Total</th>
        <td><?php echo $total_mse ?></td>
        <td><?php echo $total_ese ?></td>
    </tr>
</table>
<h3 style = "text-align:center;"> Total Percentage: <?php echo $percentage
?></h3>
<h3 style = "text-align:center;"> SGPA: <?php echo $sgpa ?></h3>
<h3 style = "text-align:center;"> Grade: <?php echo $grade ?></h3>

<h3>Grade Points:</h3>
    <div class="grades">
```

```html
        <p>
            A+ : (Excellent / Outstanding): 10 <br>
            B+ : (Good): 8 <br>
            C+ : (Above Average): 6 <br>
            D : (Below Average): 4 <br>
            XX : (Detained): 0 <br>
            P : (Audit Course Passed): 0 <br>
        </p>
        <p>
            A : (Very Good): 9 <br>
            B : (Fair): 7 <br>
            C : (Average): 5 <br>
            F : (Fail): 0 <br>
            II : (Absent): 0 <br>
            NP : (Audit Course Not Passed): 0
        </p>
    </div>

    <div class="coe">
        <img class="coe_sign" src="sign.jpg">
    </div>
    <h3 class="coe">Controller of Examinations</h3>
</body>

</body>
</html>
```

3. **style.css:**

```css
.mark-sheet {
    background-color: #f2f2f2;
    padding: 20px;
    margin: 20px;
    border-radius: 5px;
    border: 2px solid black;

}

.details {
    display: flex;
    flex-direction: row;
    justify-content: space-between;
    flex-wrap: wrap;
    margin: 20px 0;

}
```
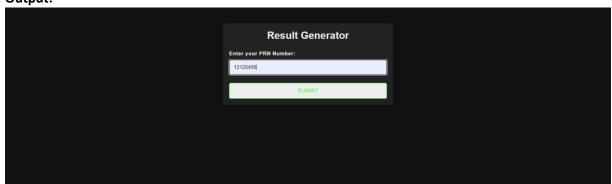
```css
.detail {
  display: flex;
  flex-direction: column;
  margin-bottom: 10px;


}

.detail span:first-child {
  font-weight: bold;
  margin-bottom: 5px;
  color: blue;
}

table {
  width: 50%;
  margin: 0 auto;
  border-collapse: collapse;
  font-family: Arial, sans-serif;
  background-color: #fff;
  box-shadow: 0px 0px 5px 0px rgba(0,0,0,0.2);
  border-radius: 10px;
  overflow: hidden;
}

table th, table td {
  padding: 10px;
  text-align: center;
  border: 1px solid blue;
}

table th {
  background-color: #2a52be;
  color: #fff;
}

tr:nth-child(even) {
  background-color: #f2f2f2;
}

tr:hover {
  background-color: #ddd;
}

th:first-child, td:first-child {
  border-left: none;
}
```

```css
th:last-child, td:last-child {
  border-right: none;
}
.subjects{
  background-color: white;
  color: #2a52be;
}
.grades{
  display:flex;
  justify-content:space-around;
  padding:0px200px0px10px;
}

.coe{
  justify-content:end;
  display:flex;
}

.coe_sign{
  height: 15%;
  width: 15%;
}
```

Output:

Provisional Marksheet

Bansilal Ramnath Agarwal Charitable Trust's
Vishwakarma Institute of Technology, Pune
(An Autonomous Institute affiliated to Savitribai Phule Pune University)

Result

Roll No.:	PRN:	Name:	Mother's Name:	Branch:	Class:	Year of Exam:	Semester:
48	12120456	Pushkar Pophali	Rajani	Computer Engineering	TY	2022	1

Subject	MSE	ESE
WT	80	78
DAA	90	90
CD	85	87
CC	90	78
Total	345	333

Total Percentage: 84.15

SGPA: 9.165

Grade: A

Grade Points:

A+ : (Excellent / Outstanding): 10
B+ : (Good): 8
C+ : (Above Average): 6
D : (Below Average): 4
XX : (Detained): 0
P : (Audit Course Passed): 0

A : (Very Good): 9
B : (Fair): 7
C : (Average): 5
F : (Fail): 0
II : (Absent): 0
NP : (Audit Course Not Passed): 0

Controller of Examinations