

# WEB TECHNOLOGY LAB

## LAB-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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Roll No – 25

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Batch – 2

# CODE:

## index.html

```
<!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>VIT EXAMINATION</title>
  <!-- Bootstrap -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJ0Z" crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/js/bootstrap.bundle.min.js" integrity="sha384-
ENjdO4Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe" crossorigin="anonymous"></script>
  <link rel="stylesheet" href="style1.css">
</head>

<body>
  <div class="content container-fluid">
    <div class="text-center" style="margin-bottom: 10px;">
      
    </div>
    <form action="result.php" method="POST" id="inputData" class="needs-validation" novalidate>
      <h3>
        <center><u>Enter Current Semester Marks</u></center>
      </h3>
    </form>
  </div>
</body>
</html>
```



```

        <input type="text" name="subject3ESE"
              placeholder="ESE Marks (Out of 70)" required>
    </div>
</div>
<!-- Web Technology -->
<br>
<h5>4. Web Technology:</h5>
<div id="inputFormRow4">
    <div class="input-group mb-3">
        <input type="text" name="subject4MSE"
              placeholder="MSE Marks (Out of 30)" required>
        <input type="text" name="subject4ESE"
              placeholder="ESE Marks (Out of 70)" required>
    </div>
</div>
</div>
<div class="text-center">
    <button class="btn btn-info" id="resultButton" type="submit" >Show
    Result</button>
</div>
</form>
</div>
<script type="text/javascript">
    (function () {
        'use strict';
        window.addEventListener('load', function () {
            var forms = document.getElementsByClassName('needs-validation');
            var validation = Array.prototype.filter.call(forms,
                function (form) {
                    form.addEventListener('submit', function (event) {

```

```

        if (form.checkValidity() === false) {
            event.preventDefault();
            event.stopPropagation();
        }
        form.classList.add('was-validated');
    }, false);
});
}, false);
});
</script>
</body>
</html>

```

## database.sql

```

Create database vit;
use vit;

```

```

CREATE TABLE `results` ( `RollNo` int(10) UNSIGNED PRIMARY KEY NOT NULL AUTO_INCREMENT, `CC`
varchar(255) NOT NULL, `CD` varchar(255) NOT NULL, `DAA` varchar(255) NOT NULL, `WT` varchar(255)
NOT NULL, `CGPA` varchar(255) NOT NULL);

```

## result.php

```

<?php
$ccMSE = (int)$_POST["subject1MSE"];
$ccESE = (int)$_POST["subject1ESE"];
$ccTotal = $ccMSE + $ccESE;

```

```
$cdMSE = (int)$_POST["subject2MSE"];
$cdESE = (int)$_POST["subject2ESE"];
$cdTotal = $cdMSE + $cdESE;
$daaMSE = (int)$_POST["subject3MSE"];
$daaESE = (int)$_POST["subject3ESE"];
$daaTotal = $daaMSE + $daaESE;
$wtMSE = (int)$_POST["subject4MSE"];
$wtESE = (int)$_POST["subject4ESE"];
$wtTotal = $wtMSE + $wtESE;
$totalMarks = $ccTotal + $cdTotal + $daaTotal + $wtTotal;
$percentage = ($totalMarks / 400) * 100;
$cgpa = round(($percentage / 10), 2);
// MySQL Configuration
$server = "localhost";
$username = "root";
$password = "shruti";
$database = "vit";
$mysql_connection = mysqli_connect(
    $server,
    $username,
    $password,
    $database
);
if (!$mysql_connection) {
    echo '<div class="alert alert-danger" role="alert">
<h4 class="alert-heading">Failed to connect to database ... ' .
        mysqli_connect_error() . ' !!! </h4></div>';
    die();
}
$sql_query = "INSERT INTO results(CC, CD, DAA, WT, CGPA) VALUES($ccTotal,
$cdTotal, $daaTotal, $wtTotal, $cgpa)";
```

```
if (!mysqli_query($mysql_connection, $sql_query)) {
    echo '<div class="alert alert-danger" role="alert">
<h4 class="alert-heading">Failed to insert data to database !!!
</h4></div>';
    die();
}
$sql_query = "SELECT * from results";
$result = mysqli_query($mysql_connection, $sql_query);
mysqli_close($mysql_connection);
?>
<!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">
    <!-- Bootstrap -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
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    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/js/bootstrap.bundle.min.js" integrity="sha384-
ENjdO4Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe" crossorigin="anonymous"></script>
    <style>
        table {
            margin: 0 auto;
            font-size: large;
            border: 1px solid black;
        }
    </style>
</head>
<body>
    <div class="container">
        <div class="row">
            <div class="col">
                <div class="card">
                    <div class="card-body">
                        <div class="table">
                            <table>
                                <thead>
                                    <tr>
                                        <th>id</th>
                                        <th>name</th>
                                        <th>email</th>
                                        <th>password</th>
                                    </tr>
                                </thead>
                                <tbody>
                                    <tr>
                                        <td>1</td>
                                        <td>John</td>
                                        <td>john@example.com</td>
                                        <td>123456</td>
                                    </tr>
                                    <tr>
                                        <td>2</td>
                                        <td>Jane</td>
                                        <td>jane@example.com</td>
                                        <td>654321</td>
                                    </tr>
                                </tbody>
                            </table>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</body>
</html>
```

```
h1 {
    margin-top: 10px;
    text-align: center;
    color: yellow;
    font-size: xx-large;
    background-color: lightgreen;
}

th {
    font-weight: bold;
    border: 1px solid black;
    padding: 10px;
    text-align: center;
}

td {
    background-color: #e0e0e0;
    border: 1px solid black;
}
</style>
</head>

<body>
    <section class="text-center">
        <h1 style="color:yellow">Results</h1>
        <table>
            <tr>
                <th>Roll No.</th>
                <th>Cloud Computing</th>
                <th>Compiler Design</th>
                <th>Design and Analysis of Algorithms</th>
            </tr>
        </table>
    </section>
</body>
```



```

        <th>Web Technology</th>
        <th>CGPA</th>
    </tr>
    <!-- Fetch MySQL Table Data -->
    <?php
    if (mysqli_num_rows($result) > 0) {
        while ($rows = $result->fetch_assoc()) {
            ?>
                <tr>
                    <td><?php echo $rows["RollNo"]; ?></td>
                    <td><?php echo $rows["CC"]; ?></td>
                    <td><?php echo $rows["CD"]; ?></td>
                    <td><?php echo $rows["DAA"]; ?></td>
                    <td><?php echo $rows["WT"]; ?></td>
                    <td><?php echo $rows["CGPA"]; ?></td>
                </tr>
            <?php
                }
            }
        ?>
    </table>
</section>
</body>

</html>

```

style1.css

```
@import
url('https://fonts.googleapis.com/css?family=Poppins:200,300,400,500,600,700,800,900&display=swap')
;

*{
    margin : 0;
    padding : 0;
    box-sizing: border-box;
    font-family: 'Poppins', sans-serif;
}

body{
    display: flex;
    background-color: lightgray;
}

.content {
    display: block;
    margin-top: 10px;
    width: 50%;
    background-color: bisque;
    padding: 20px;
}

h3 {
    background-color: lightgray;
    padding: 15px 15px 15px 15px;
}

input[type=text]{
```

```
margin-top: 5px;
width: 98%;
padding: 10px 10px;
color: black;
font-size: 15px;
border-radius: 6px;
border-width: 2px;
}

.btn{
padding: 10px 30px 10px 30px;
background-color: lightgreen;
border-radius: 5px;
border-color: black;
border-width: 2px;
}

.btn:hover{
background-color: yellow;
}
```

## OUTPUT:



### Enter Current Semester Marks

#### 1. Cloud Computing:

#### 2. Compiler Design:

#### 3. Design and Analysis of Algorithms:

#### 4. Web Technology:

## Results

Roll No.	Cloud Computing	Compiler Design	Design and Analysis of Algorithms	Web Technology	CGPA
1	96	76	93	63	8.2
2	81	92	62	80	7.88
3	59	99	83	48	7.23
4	59	99	83	48	7.23
5	59	99	83	48	7.23
6	0	0	0	0	0
7	59	99	83	48	7.23
8	59	99	83	48	7.23
9	40	84	100	92	7.9
10	40	84	100	92	7.9

