

Sub : Sem-II

Practical : 11

Code:

```
<?php
$host = "localhost";
$username = "root";
$password = "";
$dbname = "student_db";

$conn = new mysqli($host, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$order = "ASC"; // Default

if (isset($_POST['sort'])) {
    if ($_POST['sort'] === "asc") {
        $order = "ASC";
    } elseif ($_POST['sort'] === "desc") {
        $order = "DESC";
    }
}

$sql = "SELECT * FROM students ORDER BY marks $order";
$result = $conn->query($sql);
?>
```

```
<!DOCTYPE html>
<html>
<head>
  <title>Sort Student Records</title>
  <style>
    body {
      font-family: Arial;
      padding: 30px;
      background: #f7f7f7;
    }
    table {
      border-collapse: collapse;
      width: 50%;
      margin: auto;
    }
  </style>
</head>
<body>
  <table>
    <tr>
      <th>Name</th>
      <th>Age</th>
      <th>Gender</th>
      <th>Grade</th>
    </tr>
    <tr>
      <td>John</td>
      <td>15</td>
      <td>Male</td>
      <td>9</td>
    </tr>
    <tr>
      <td>Jane</td>
      <td>14</td>
      <td>Female</td>
      <td>8</td>
    </tr>
    <tr>
      <td>Mike</td>
      <td>16</td>
      <td>Male</td>
      <td>10</td>
    </tr>
    <tr>
      <td>Emily</td>
      <td>13</td>
      <td>Female</td>
      <td>7</td>
    </tr>
  </table>
</body>
</html>
```

```

        background: white;
        box-shadow: 0 0 10px #ccc;
    }
    th, td {
        padding: 12px;
        border-bottom: 1px solid #ddd;
        text-align: center;
    }
    h2 {
        text-align: center;
    }
    form {
        text-align: center;
        margin-bottom: 20px;
    }
    select, button {
        padding: 8px 12px;
        font-size: 16px;
    }
</style>
</head>
<body>

<h2>Sort Student Records</h2>

<form method="post">
    <label>Sort by Name:</label>
    <select name="sort">
        <option value="asc" <?=( $order == "ASC" ) ? "selected" : "" ?>>Ascending</option>
        <option value="desc" <?=( $order == "DESC" ) ? "selected" : "" ?>>Descending</option>
    </select>
    <button type="submit">Sort</button>
</form>

<table>
    <tr>
        <th>ID</th>
        <th>Name</th>
        <th>Marks</th>
    </tr>

    <?php if ( $result && $result->num_rows > 0 ): ?>
        <?php while( $row = $result->fetch_assoc() ): ?>
            <tr>
                <td><?=( $row["id"] ) ?></td>
                <td><?=( htmlspecialchars( $row["name"] ) ) ?></td>
                <td><?=( $row["marks"] ) ?></td>
            </tr>
        <?php endwhile; ?>
    <?php else: ?>
        <tr><td colspan="3">No records found</td></tr>
    <?php endif; ?>

```

```
</table>

</body>
</html>

<?php $conn->close(); ?>
```

OUTPUT:

