Experiment - 3

Aim :-

      Create a Web Page for College Timetable: Use of Tables with Rowspan, Colspan, Headers, Captions, and Nested Tables.

Objective :-

1. To design a college timetable webpage using HTML tables.

2. To apply rowspan and colspan attributes for merging cells.

3. To use table headers (), captions (), and formatting for readability.

4. To implement nested tables within a timetable cell.

Tools Required

- Computer / Laptop with any OS

- Text Editor (Notepad, VS Code, Sublime Text)

- Web Browser (Chrome, Edge, Firefox)

Code Implimentation :-

Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Experiment-3</title>
</head>
<body>
 <table align="center" border="1" cellspacing="0" cellpadding="20">
    <tr>
        <td>
        <table border="1"  cellspacing="0" cellpadding="15">
        <caption>College Timetable- CSE Department</caption>
        <THEAD>
        <tr>
            <td>Day/Time</td>
            <td>9:00-10:00</td>
            <td>10:00-11:00</td>
            <td>11:00-12:00</td>
            <td>12:00-1:00</td>
            <td>1:00-2:00</td>
            <td>2:00-3:00</td>
            <td>3:00-4:00</td>
        </THEAD>
        <tbody>
            <tr>
            <td><b>Monday</b></td>
            <td rowspan="2">Mathmatics </td>
            <td>English</td>
```

```html
<td rowspan="3">Physics</td>
<td>Break</td>
<td colspan="2">Computer Lab</td>
<td>Sports</td>
</tr>
 <tr>
 <td><b>Tuesday</b></td>
<td>C Programming </td>
<td>Break</td>
<td colspan="2">Electronic Lab</td>
<td>Library</td>
</tr>
<tr>
  <td><b>Wednesday</b></td>
  <td>Mathematics</td>
  <td>English</td>
  <td>Break</td>
  <td>Computer Networks</td>
  <td colspan="2">
    <table border="1" cellspacing="0" cellpadding="5">
   <thead>
    <tr>
       <th colspan="2">Lab Details</th>
    </tr>
    <tr>
       <td>Batch A</td>
       <td>DBMS Lab</td>
    </tr>
   </thead>
   <tr>
    <td>BatchB</td>
```

```html
      <td>OS Lab</td>
    </tr>
    </table>
  </td>
 </tr>
 <tr>
   <td><b>Thursday</b></td>
   <td colspan="2">Workshop</td>
   <td>Physics</td>
   <td>Break</td>
   <td>Mathematics</td>
   <td>English</td>
   <td>Seminar</td>
 </tr>
 <tr>
   <td><b>Friday</b></td>
   <td>Computer Networks</td>
   <td>English</td>
   <td>Physics</td>
   <td>Break</td>
   <td colspan="3">Project Work</td>
 </tr>
 </tbody>
 </table>
 </td>
 </tr>
</table>
</body>
```

Output :-

Day/Time	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00	2:00-3:00	3:00-4:00
				College Timetable- CSE Department			
Monday	Mathmatics	English	Physics	Break	Computer Lab		Sports
Tuesday		C Programming		Break	Electronic Lab		Library
Wednesday	Mathematics	English		Break	Computer Networks	Lab Details — Batch A: DBMS Lab, BatchB: OS Lab	
Thursday	Workshop		Physics	Break	Mathematics	English	Seminar
Friday	Computer Networks	English	Physics	Break	Project Work		

Outcome :-

- Successfully created a college timetable webpage using HTML tables.

- Implemented rowspan, colspan, headers, captions, and nested tables.

- Learned to organize tabular data in a structured webpage format.