HTML – Element – Tables

Aim:

Program to design a class timetable using HTML basic elements.

Procedure:

1. Tables are defined with the table element

2. Use the border attribute specifies the table‟s border width in pixels. To create a table without a border, set border to "0".

3. Use the tr element to define an individual table row.

4. The columns in the head section are defined with th elements.

5. Data cells contain individual pieces of data and are defined with td (table data)

elements within each row.

6. Table cells are sized to fit the data they contain. Document authors can create larger

data cells   by using attributes rowspan and colspan. The values assigned to these

attributes specify the number of rows or columns occupied by a cell.

7. Use the attribute rowspan = "2" to allow the cell to use two vertically adjacent cells

(thus the cell spans two rows).

8. Use the attribute colspan = "4" to widen the header cell to span
four cells.

Design:

Day	8:00-9:00	9:00-9:50	9:50-10:10	10:10-11:00	11:00-11:50	11:50-12:30/12:40	12:30/12:40-1:20	1:20-2:10	2:10-3:00
tuesday	CS19541-CN	CS19541-IP		CS19542/CS19541-IP/CN LAB			lib	AI19341/CS19542-POAI/IP LAB	
Wednesday	CS19501-TOC	CS19501-TOC		CS19541/CS19542-CN/IP LAB			lib	CS19541-CN	NPTEL
Thursday	OAI1903-RPA LAB		break	CS19542-IP	CS19541-CN	lunch	COUN	CS19541-CN	AI19341-POAI
Friday	CS19542/CS19541-IP/CN LAB			AI19341-POAI	CS19501-TOC		CS19541-IP	OAI1903-RPA LAB	
Saturday	AI19341-POAI	CS19501-TOC		CS19541/AI19341-CN/POAI LAB			CS19542-IP	VAP	

Code:

```html
<!DOCTYPE html>
<html>
<head>
  <title>Class Schedule</title>
  <style>
    table {
      border-collapse: collapse;
      width: 100%;
    }
    th, td {
      border: 1px solid black;
      text-align: center;
      padding: 8px;
    }
  </style>
</head>
<body>
  <table>
    <tr>
      <th>Day</th>
      <th>8:00-9:00</th>
      <th>9:00-9:50</th>
```

```html
      <th>9:50-10:10</th>
      <th>10:10-11:00</th>
      <th>11:00-11:50</th>
      <th>11:50-12:30/12:40</th>
      <th>12:30/12:40-1:20</th>
      <th>1:20-2:10</th>
      <th>2:10-3:00</th>
    </tr>
    <tr>
      <th>tuesday</th>
      <td><colspan="1">CS19541-CN</td>
      <td <colspan="1">CS19541-IP</td>
      <td rowspan="5"> break</td>
      <td colspan="2">CS19542/CS19541-IP/CN LAB</td>
      <td rowspan="5">lunch</td>
      <td> lib</td>
      <td colspan="2">AI19341/CS19542-POAI/IP
LAB</td>
    </tr>
    <tr>
      <th>Wednesday</th>
      <td><colspan="1">CS19501-TOC</td>
      <td <colspan="1">CS19501-TOC</td>
      <td colspan="2">CS19541/CS19542-CN/IP LAB</td>
      <td> lib</td>
      <td> CS19541-CN</td>
      <td> NPTEL</td>
      </tr>
    <tr>
      <th>Thursday</th>
      <td colspan="2">OAI1903-RPA LAB</td>
      <td >CS19542-IP</td>
      <td>CS19541-CN</td>
      <td> COUN</td>
      <td> CS19541-CN</td>
      <td>AI19341-POAI</td>

    </tr>
```

```html
    <tr>
      <th>Friday</th>
      <td colspan="2"> CS19542/CS19541-IP/CN LAB</td>
      <td> AI19341-POAI</td>
      <td>CS19501-TOC</td>
      <td>CS19541-IP</td>
      <td colspan="2">OAI1903-RPA LAB</td>
    </tr>
    <tr>
      <th>Saturday</th>
      <td> AI19341-POAI</td>
      <td>CS19501-TOC</td>
      <td colspan="2">CS19541/AI19341-CN/POAI LAB</td>
      <td>CS19542-IP</td>
      <td colspan="2">VAP</td>
    </tr>
  </table>
</body>
</html>
```

Result
  Thus the given design was successfully developed and output was verified.

Evaluation Procedure	Marks awarded
Procedure(3)	
Design Output(5)	
Viva(2)	
Total (10)	
Faculty Signature	