

Web Programming Lab (BCSE203E)

LAB – 2

HTML – Links, Tables and Lists

1) Display the below table

Time Table					
Hours	Mon	Tue	Wed	Thu	Fri
	Science	Maths	Science	Maths	Arts
	Social	History	English	Social	Sports
	Lunch				
	Science	Maths	Science	Maths	Project
	Social	History	English	Social	

Code:

Lab2Q1.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Q1-23BCE1087</title>
</head>
<body>
  <table border = "1" cellspacing = "0" cellpadding = "3">
```

```

<tr>
    <th colspan="6">Time table</th>
</tr>
<tr>
    <th rowspan="6">Hours</th>
    <th>Mon</th>
    <th>Tue</th>
    <th>Wed</th>
    <th>Thu</th>
    <th>Fri</th>
</tr>
<tr>
    <td>Science</td>
    <td>Maths</td>
    <td>Science</td>
    <td>Maths</td>
    <td>Arts</td>
</tr>
<tr>
    <td>Social</td>
    <td>History</td>
    <td>English</td>
    <td>Social</td>
    <td>Sports</td>
</tr>
<tr>
    <th colspan="5">Lunch</th>
</tr>
<tr>
    <td>Science</td>

```

```

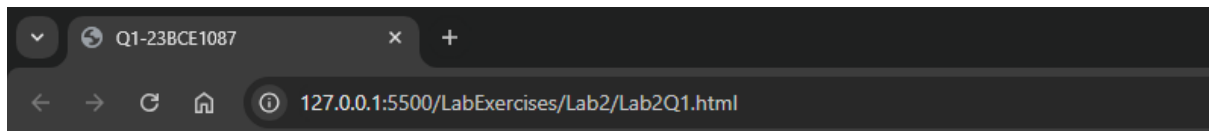
        <td>Maths</td>
        <td>Science</td>
        <td>Maths</td>
        <td rowspan="2">Project</td>
    </tr>
    <tr>
        <td>Social</td>
        <td>History</td>
        <td>English</td>
        <td>Social</td>

    </tr>

</table>
</body>
</html>

```

Output:



Time table					
Hours	Mon	Tue	Wed	Thu	Fri
	Science	Maths	Science	Maths	Arts
	Social	History	English	Social	Sports
	Lunch				
	Science	Maths	Science	Maths	Project
	Social	History	English	Social	

- 2) The below image shows a five-level nesting of tables, with the color 'Blue' representing the outermost or container table and the nested tables are represented with four different colors Yellow, Red, White and Green respectively. Design a webpage with nested tables in the format shown below



Code:

Lab2Q2.html

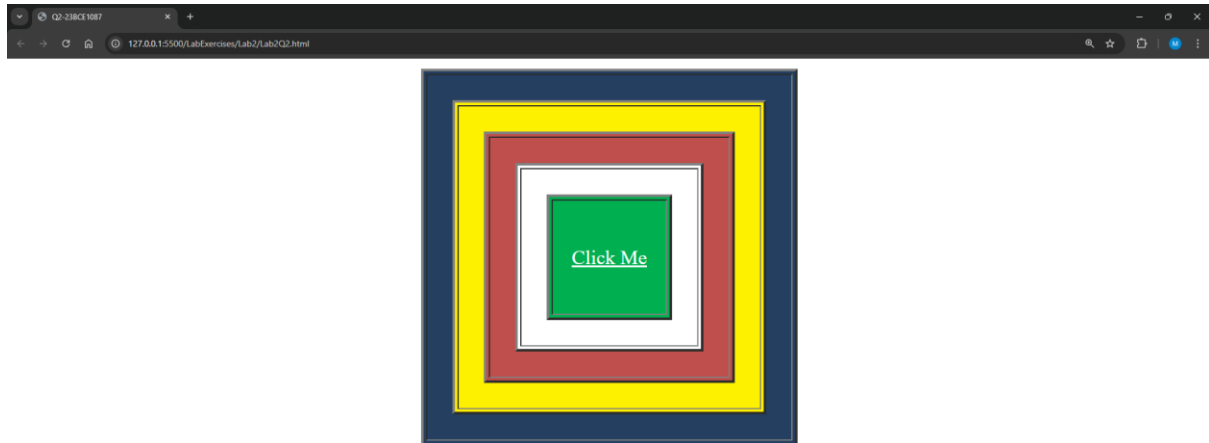
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Q2-23BCE1087</title>
</head>
<body>
    <table border="2" width="300" height="300" align="center"
bgcolor="#243F60">
        <tr>
            <td align="center">
                <table border="2" width="250" height="250"
bgcolor="#FEF100">
                    <tr>
```

```

        <td align="center">
            <table border="2" width="200" height="200"
bgcolor="#BF4F4C">
                <tr>
                    <td align="center">
                        <table border="2" width="150" height="150"
bgcolor="white">
                            <tr>
                                <td align="center">
                                    <table border="2" width="100"
height="100" bgcolor="#00AF4F">
                                        <tr>
                                            <td align="center">
                                                <a href="./Lab2Q3.html"
style="color:white">Click Me</a>
                                            </td>
                                        </tr>
                                    </table>
                                </td>
                            </tr>
                        </table>
                    </td>
                </tr>
            </table>
        </td>
    </tr>
</table>
</body>
</html>

```

Output:



- 3) Fetch the below test table on clicking the hypertext "Click Me". Use your register number and three letters of first name (Eg.: #20BCE1001JAY) for the table background color

A test table with merged cells

Expenses	Average		Red eyes
	height	weight	
Males	1.9	0.003	40%
Females	1.7	0.002	43%

Code:

Code:

Lab2Q3.html

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Q3-23BCE1087</title>
</head>
<body>

    <table border="1" bgcolor = "#1087MAD">
        <caption> A table with merged cells </caption>
        <tr>
            <th rowspan = "2"><a
href="Lab2Q4.html">Expenses</a></th>
            <th colspan="2"> Average </th>
            <th rowspan = "2"> Red eyes </th>
        </tr>
        <tr>
            <th>Height</th>
            <th>Weight</th>
        </tr>
        <tr>
            <th>Males</th>
            <td>0.009</td>
            <td>9</td>
            <td>40%</td>
        </tr>
        <tr>
            <th>Females</th>
            <td>1.7</td>
            <td>0.002</td>
            <td>45%</td>

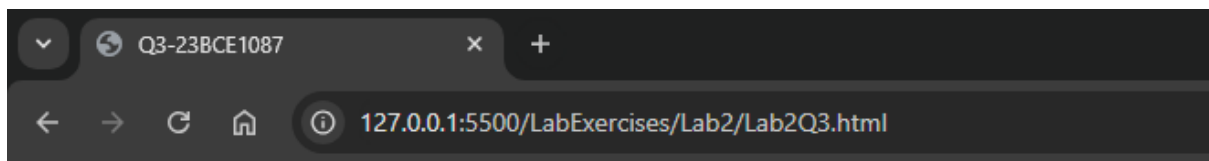
```

```

        </tr>
        <tr></tr>
    </table>
</body>
</html>

```

Output:



A table with merged cells

<u>Expenses</u>	Average		Red eyes
	Height	Weight	
Males	0.009	9	40%
Females	1.7	0.002	45%

4) Display the table below on clicking the hyperlink “Expenses” on the above table.

Year	Quarter	Expenses		Income	
		Quetta	Dubai	Quetta	Dubai
2021	1	1,900	8,650	9,000	7,780
	2	2,230	8,650	8,500	8,670
	3	4,000	8,650	9,900	9,870
	4	2,200	8,650	9,800	9,900
2022	1	7,780	8,650	7,780	9,000
	2	8,670	8,650	8,670	8,500
	3	9,870	8,650	9,870	9,900
	4	9,900	8,650	9,900	9,800
2013	****				

Code:

Lab2Q4.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <style>
        #whiteColorReq{
            color: white;
        }
    </style>
    <title>Q4-23BCE1087</title>
</head>
<body>
    <table border="2" cellspacing="0" cellpadding="4" >
        <tr bgcolor="#EEEECE0">
            <th rowspan="2">Year</th>
            <th rowspan="2">Quarter</th>
            <th colspan="2">Expenses</th>
            <th colspan="2">Income</th>
        </tr>
        <tr bgcolor="#EEEECE0">
            <td>Quetta</td>
            <td>Dubai</td>
            <td>Quetta</td>
            <td>Dubai</td>
        </tr>
        <tr bgcolor="#CC3200">
            <td rowspan="4" bgcolor="#EEEECE0">2021</td>
```

```
<td>1</td>
<td>1,900</td>
<td>8,650</td>
<td>9,000</td>
<td>7,780</td>
</tr>
<tr bgcolor="#D30091">
  <td>2</td>
  <td>2,230</td>
  <td>8,650</td>
  <td>8,500</td>
  <td>8,670</td>
</tr>
<tr bgcolor="#507FBD" id="whiteColorReq">

  <td>3</td>
  <td>4,000</td>
  <td>8,650</td>
  <td>9,900</td>
  <td>9,870</td>

</tr>
<tr bgcolor="#008002">
  <td>4</td>
  <td>2,200</td>
  <td>8,650</td>
  <td>9,800</td>
  <td>9,900</td>
</tr>
<tr bgcolor="#CC3200">
```

```
<td rowspan="4" bgcolor="#EEEECE0">2022</td>
<td>1</td>
<td>7,780</td>
<td>8,650</td>
<td>7,780</td>
<td>9,000</td>
</tr>
<tr bgcolor="#D30091">
<td>2</td>
<td>8,670</td>
<td>8,650</td>
<td>9,870</td>
<td>9,800</td>
</tr>
<tr bgcolor="#507FBD" id="whiteColorReq">
<td>3</td>
<td>9,870</td>
<td>8,650</td>
<td>9,870</td>
<td>9,900</td>

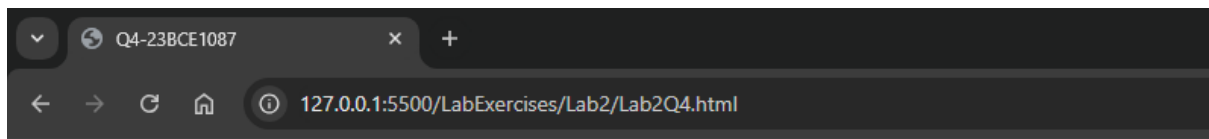
</tr>
<tr bgcolor="#008002">
<td>4</td>
<td>9,900</td>
<td>8,650</td>
<td>9,900</td>
<td>9,800</td>
</tr>
<tr>
```

```

        <td rowspan="1" bgcolor="#EEEECE0">2013</td>
        <td colspan="5" align="center">****</td>
    </tr>
</table>
</body>
</html>

```

Output:



Year	Quarter	Expenses		Income	
		Quetta	Dubai	Quetta	Dubai
2021	1	1,900	8,650	9,000	7,780
	2	2,230	8,650	8,500	8,670
	3	4,000	8,650	9,900	9,870
	4	2,200	8,650	9,800	9,900
2022	1	7,780	8,650	7,780	9,000
	2	8,670	8,650	9,870	9,800
	3	9,870	8,650	9,870	9,900
	4	9,900	8,650	9,900	9,800
2013	****				

5) Design a webpage with the following details using HTML lists

Markup Languages

SGML

The Standard Generalized Markup Language

HTML

The Hypertext Markup Language

XML

The Extensible Markup Language

Learning Web Development

- I. Background Skills
 - A. Unix Commands
 - B. Vim Text Editor
- II. HTML
 - A. Minimal Page
 - B. Headings
 - C. Tags
 - D. Lists
 - i. Unordered
 - ii. Ordered
 - iii. Definition
 - iv. Nested
 - E. Links
 - i. Absolute
 - ii. Relative
 - F. Images
- III. CSS
 - A. Anatomy
 - B. Basic Selectors
 - i. Element
 - ii. Class
 - iii. ID
 - iv. Group
 - C. The DOM
 - D. Advanced Selectors
 - E. Box Model
- IV. Programming
 - A. Python
 - B. JavaScript
- V. Database
 - A. Flat File
 - B. Relational

[HTML HOME](#)

Code:

Lab2Q5.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Q5-23BCE1087</title>
</head>
```

```

<body>
  <H1>Markup Languages</H1>
  <dl>
    <dt>SGML</dt>
    <dd>The Standard Generalized Markup Language</dd>
    <dt>HTML</dt>
    <dd>The Hypertext Markup Language</dd>
    <dt>XML</dt>
    <dd>The Extensible Markup Language</dd>

  </dl>
  <H1>Learning Web Development</H1>
  <ol type = "I">
    <li>Background Skills</li>
    <ol type = "A">
      <li>Unix Commands</li>
      <li>Vim Text Editor</li>
    </ol>
    <li>HTML</li>
    <ol type = "A">
      <li>Minimal Page</li>
      <li>Headings</li>
      <li>Tags</li>
      <li>Lists</li>
      <ol type = "i">
        <li>Unordered</li>
        <li>Ordered</li>
        <li>Defintion</li>
        <li>Nested</li>
      </ol>
    </ol>
  </ol>

```

```
<li>Links</li>
<ol type = "i">
    <li>Absolute</li>
    <li>Relative</li>
</ol>
<li>Images</li>
</ol>
<li>CSS</li>
<ol type = "A">
    <li>Anatomy</li>
    <li>Basic Selectors</li>
    <ol type = "i">
        <li>Element</li>
        <li>Class</li>
        <li>ID</li>
        <li>Group</li>
    </ol>
    <li>The DOM</li>
    <li>Advanced Selectors</li>
    <li>Box Model</li>
</ol>
<li>Programming</li>
<ol type = "A">
    <li>Python</li>
    <li>JavaScript</li>
</ol>
<li>Database</li>
<ol type = "A">
    <li>Flat File</li>
    <li>Relational</li>
```

```
        </ol>

    </ol>

</body>

</html>
```

Output:

