

Web Technologies – Worksheet 2 (201TB-20)

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Ques 1:

Create an ordered list which should display the grocery items to be purchased by a household. Include the miscellaneous items also in the least priority list using unordered list. CSS list-style-type property should also be included.

Code:

```
<!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>Quesion 1 Worskheet 2</title>
  <style>
    ul,ul {list-style-type: square;}
    ol,ol {list-style-type: upper-roman;}
  </style>
</head>
<body>
  <h3>More Priority List</h3>
  <ol class="ol">
    <li>Rice</li>
    <li>Flour</li>
    <li>Pulses</li>
    <li>Tea</li>
    <li>Soaps</li>
  </ol>
  <h3>Less Priority List</h3>
  <ul class="ul">
    <li>Coffee</li>
    <li>Handwash</li>
    <li>Soft Drinks</li>
  </ul>
</body>
</html>
```

More Priority List

- I. Rice
- II. Flour
- III. Pulses
- IV. Tea
- V. Soaps

Less Priority List

- Coffee
- Handwash
- Soft Drinks

Ques 2:

Design a timetable and display it in tabular format.

Code:

```
<!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>Quesion 8 Worskheet 1</title>
</head>
<body>
  <center><h1>TIME TABLE</h1></center>
  <table border="5" cellspacing="5" cellpadding="2" align="center">
    <tr>
      <td align="center"><br>
        <b>Day/Period</b></td>
      <td align="center">
        <b>I<br>9:30-10:20</b>
      </td>
      <td align="center">
        <b>II<br>10:20-11:10</b>
      </td>
      <td align="center">
        <b>III<br>11:10-12:00</b>
      </td>
      <td align="center">
        <b>12:00-12:40</b>
      </td>
      <td align="center">
        <b>IV<br>12:40-1:30</b>
      </td>
      <td align="center">
        <b>V<br>1:30-2:20</b>
      </td>
      <td align="center">
        <b>VI<br>2:20-3:10</b>
      </td>
      <td align="center">
        <b>VII<br>3:10-4:00</b>
      </td>
    </tr>
    <tr>
      <td align="center">
```

```

        <b>Monday</b></td>
    <td align="center">Eng</td>
    <td align="center">Mat</td>
    <td align="center">Che</td>
    <td rowspan="6" align="center">
        <h2>L<br>U<br>N<br>C<br>H</h2>
    </td>
    <td colspan="3" align="center">LAB</td>
    <td align="center">Phy</td>
</tr>
<tr>
    <td align="center">
        <b>Tuesday</b>
    </td>
    <td colspan="3" align="center">
        LAB
    </td>
    <td align="center">Eng</td>
    <td align="center">Che</td>
    <td align="center">Mat</td>
    <td align="center">SPORTS</td>
</tr>
<tr>
    <td align="center">
        <b>Wednesday</b>
    </td>
    <td align="center">Mat</td>
    <td align="center">phy</td>
    <td align="center">Eng</td>
    <td align="center">Che</td>
    <td colspan="3" align="center">LIBRARY</td>
</tr>
<tr>
    <td align="center">
        <b>Thursday</b>
    </td>
    <td align="center">Phy</td>
    <td align="center">Eng</td>
    <td align="center">Che</td>
    <td colspan="3" align="center">LAB</td>
    <td align="center">Mat</td>
</tr>
<tr>
    <td align="center">
        <b>Friday</b>
    </td>
    <td colspan="6" align="center">LAB

```

```

        </td>
        <td align="center">Mat</td>
        <td align="center">Che</td>
        <td align="center">Eng</td>
        <td align="center">Phy</td>
    </tr>
    <tr>
        <td align="center">
            <b>Saturday</b>
        </td>
        <td align="center">Eng</td>
        <td align="center">Che</td>
        <td align="center">Mat</td>
        <td colspan="3" align="center">SEMINAR</td>
        <td align="center">SPORTS</td>
    </tr>
</table>
</body>
</html>

```

TIME TABLE								
Day/Period	I 9:30-10:20	II 10:20-11:10	III 11:10-12:00	12:00-12:40	IV 12:40-1:30	V 1:30-2:20	VI 2:20-3:10	VII 3:10-4:00
Monday	Eng	Mat	Che	L U N C H	LAB			Phy
Tuesday	LAB				Eng	Che	Mat	SPORTS
Wednesday	Mat	phy	Eng		Che	LIBRARY		
Thursday	Phy	Eng	Che		LAB			Mat
Friday	LAB				Mat	Che	Eng	Phy
Saturday	Eng	Che	Mat		SEMINAR			SPORTS

Ques 3:

Create a webpage to display chemical formula of water. Also include the mathematical formula of $(x+y)^2=x^2+y^2+2xy$. Also include your favorite quote in this page which should be displayed in the red color and its should have font-size 20px and font family as Times New Roman.

Code:

```
<!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>Question 3 Worskheet 2</title>
</head>
<body>
  <h2>Chemical formula of Water is: H<sub>2</sub>O</h2><br>
  <h2>A mathematical equation :
  (x+y)<sup>2</sup>=x<sup>2</sup>+y<sup>2</sup>+2xy</h2>
  <p style="color: red; font-size: 20px; font-family: 'Times New Roman',
  Times, serif;">“If opportunity doesn't knock, build a door.”</p>
</body>
</html>
```

Chemical formula of Water is: H₂O

A mathematical equation : $(x+y)^2=x^2+y^2+2xy$

“If opportunity doesn't knock, build a door.”

Ques 4:

Create a page with the help of HTML Colors and HTML CSS which will help you in displaying different paragraphs with different background colors and different fonts. take help of Styling using Class and Id feature.

Code:

```
<!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>Quesion 4 Worskheet 2</title>
  <style>
    p.para1 {
      font-family: Arial, Helvetica, sans-serif;
      color: sandybrown;
    }
    p.para2 {
      font-family: Verdana, Geneva, Tahoma, sans-serif;
      color: slateblue;
    }
    p.para3 {
      font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida
Grande', 'Lucida Sans', Arial, sans-serif;
      color: thistle;
    }
  </style>
</head>
<body>
  <p class = "para1">Lorem ipsum dolor sit amet, consectetur adipiscing
elit, sed do eiusmod tempor incididunt ut labore et
dolore magna aliqua. Ut enim ad minim veniam, quis nostrud
exercitation ullamco laboris nisi ut aliquip ex ea commodo
consequat. Duis aute irure dolor in reprehenderit in voluptate
velit esse cillum dolore eu fugiat nulla pariatur.
Excepteur sint occaecat cupidatat non proident, sunt in culpa qui
officia deserunt mollit anim id est laborum.</p>

  <p class = "para2">Lorem ipsum dolor sit amet, consectetur adipiscing
elit, sed do eiusmod tempor incididunt ut labore et
dolore magna aliqua. Ut enim ad minim veniam, quis nostrud
exercitation ullamco laboris nisi ut aliquip ex ea commodo
consequat. Duis aute irure dolor in reprehenderit in voluptate
velit esse cillum dolore eu fugiat nulla pariatur.
Excepteur sint occaecat cupidatat non proident, sunt in culpa qui
officia deserunt mollit anim id est laborum.</p>
```

```
<p class = "para3">Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
</body>
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

```
</html>
```

Ques 5:

Design a computer science department web page for department which includes all the features/options like activities held in department, syllabus for all semesters, results etc.

Code:

```
<!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>Question 5 Worskheet 2</title>

</head>
<body>
  <center>
    <img src =
"https://oldsite.itu.edu/sites/default/files/New%20Icons/CS_Icon.png"
height="150px" width="150px">
    <h1><font color= "#358597" face = "Verdana">Department of Computer
Science</font></h1>
    <p><font size = 5 color= "#F4A896" face = "Verdana">Chandigarh
University</font></p>
  </center><br>
  <h3><font color= "#c80815" face = "Verdana">Some activities that are
frequently held in our department are: </font></h3>
  <ul>
    <li>ROBOTICS</li>
    <li>CODING LESSONS</li>
    <li>BUILDING COMPUTERS</li>
    <li>FIELD TRIPS</li>
  </ul>

  <h3><font color= "#c80815" face = "Verdana">Some key feaures of our
department are: </font></h3>
  <ul>
    <li>Foster researchers and engineers who can support the foundation
of an information society</li>
    <li>Advanced knowledge and technology of computer science</li>
    <li>Practical Training in Programming Languages</li>
    <li>Independent Research Projects that foster creativity and
expressive power</li>
    <li>For Deeper, Wider Knowledge and Skills</li>
  </ul>
```



```
<h3><font color= "#c80815" face = "Verdana">Result of the previous test
:</font></h3>
```

```
<table border = 1 cellpadding = "10px" cellspacing = "5px">
  <tr>
    <th>Name</th>
    <th>Batch</th>
    <th>Roll No.</th>
    <th>Marks</th>
  </tr>
  <tr>
    <td>Priyansh</td>
    <td>CSE2A</td>
    <td>5967</td>
    <td>99/100</td>
  </tr>
  <tr>
    <td>Tarun</td>
    <td>CSE2A</td>
    <td>5968</td>
    <td>86/100</td>
  </tr><tr>
    <td>Priyansh</td>
    <td>CSE2A</td>
    <td>5969</td>
    <td>41/100</td>
  </tr>
</table>
```

```
</body>
</html>
```



Department of Computer Science

Chandigarh University

Some activities that are frequently held in our department are:

- ROBOTICS
- CODING LESSONS
- BUILDING COMPUTERS
- FIELD TRIPS

Some key features of our department are:

- Foster researchers and engineers who can support the foundation of an information society
- Advanced knowledge and technology of computer science
- Practical Training in Programming Languages
- Independent Research Projects that foster creativity and expressive power
- For Deeper, Wider Knowledge and Skills

Result of the previous test :

Name	Batch	Roll No.	Marks
Priyansh	CSE2A	5967	99/100
Tarun	CSE2A	5968	86/100
Priyansh	CSE2A	5969	41/100

Thank You

Priyansh Singh (20BCS5967)