

Programme	: B.Tech.	Semester	: Winter24-25
Course	: BCSE203E: Web Programming Lab	Slot	: TE1/TE2
Faculty	: Dr. LM Jenila Livingston	Marks	: 10

Name: Sara Arora

Register no: 23BCE5036

## Exercise-2

### Question 1

Code:

```

Welcome index.html X
index.html > html > body > table > tr
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>23BCE5036</title>
5  </head>
6  <body>
7  |   <table border="1" cellspacing="0" cellpadding="5">
8  |   |   <tr>
9  |   |   |   <th colspan="6">Time Table</th>
10 |   |   </tr>
11 |   |   <tr>
12 |   |   |   <th rowspan="6">Hours</th>
13 |   |   |   <th>Mon</th>
14 |   |   |   <th>Tue</th>
15 |   |   |   <th>Wed</th>
16 |   |   |   <th>Thu</th>
17 |   |   |   <th>Fri</th>
18 |   |   </tr>
19 |   |   <tr>
20 |   |   |   <td>Science</td>
21 |   |   |   <td>Maths</td>
22 |   |   |   <td>Science</td>
23 |   |   |   <td>Maths</td>
24 |   |   |   <td>Arts</td>
25 |   |   </tr>
26 |   |   <tr>
27 |   |   |   <td>Social</td>
28 |   |   |   <td>History</td>
29 |   |   |   <td>English</td>
30 |   |   |   <td>Social</td>
31 |   |   |   <td>Sports</td>
32 |   |   </tr>
33 |   |   <tr>
34 |   |   |   <td colspan="6" align="center">Lunch</td>
35 |   |   </tr>
36 |   |   <tr>
37 |   |   |   <td>Science</td>

```

```

29         <td>English</td>
30         <td>Social</td>
31         <td>Sports</td>
32     </tr>
33     <tr>
34         <td colspan="6" align="center">Lunch</td>
35     </tr>
36     <tr>
37         <td>Science</td>
38         <td>Maths</td>
39         <td>Science</td>
40         <td>Maths</td>
41         <td rowspan="2">Project</td>
42     </tr>
43     <tr>
44         <td>Social</td>
45         <td>History</td>
46         <td>English</td>
47         <td>Social</td>
48     </tr>
49 </table>
50 </body>
51 </html>
52
53

```

<!DOCTYPE html>

<html>

<head>

<title>23BCE5036</title>

</head>

<body>

<table border="1" cellspacing="0" cellpadding="5">

<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>
    <td colspan="6" align="center">Lunch</td>
</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>

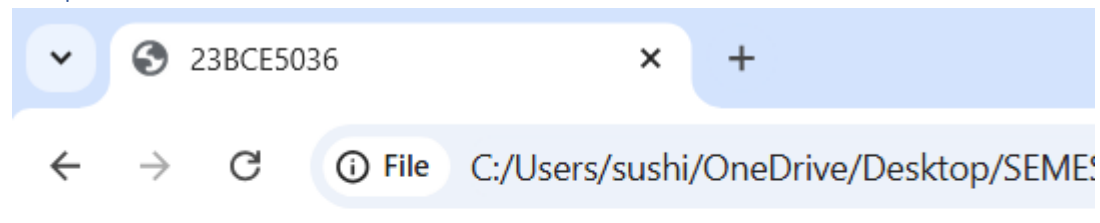
```

```

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

```

Output:



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

## Question 2

Code:

```

Welcome  index.html x
index.html > html > head > title
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title>23BCE5036</title>
5  </head>
6  <body>
7  <table border="1" bgcolor="blue" align="center" width="500" height="300">
8  <tr>
9  <td align="center">
10 <table border="1" bgcolor="yellow" width="400" height="250">
11 <tr>
12 <td align="center">
13 <table border="1" bgcolor="red" width="300" height="200">
14 <tr>
15 <td align="center">
16 <table border="1" bgcolor="white" width="200" height="150">
17 <tr>
18 <td align="center">
19 <table border="1" bgcolor="green" width="150" height="75">
20 <tr>

```

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```

<!DOCTYPE html>

<html>

<head>

<title>23BCE5036</title>

</head>

<body>

<table border="1" bgcolor="blue" align="center" width="500" height="300">

<tr>

<td align="center">

<table border="1" bgcolor="yellow" width="400" height="250">

<tr>

<td align="center">

<table border="1" bgcolor="red" width="300" height="200">

<tr>

<td align="center">

<table border="1" bgcolor="white" width="200" height="150">

<tr>

<td align="center">

<table border="1" bgcolor="green" width="150" height="75">

<tr>

<td align="center">

<button><a href="2nd.html" target="\_blank"><b>Click

Me</b></a></button>

</td>

Output:



Code:

```

index.html > html > head > title
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>
5              23BCE5036
6          </title>
7      </head>
8      <body>
9          <table border="1" cellspacing="0" cellpadding="5" bgcolor="#23bce5036sar">
10             <tr>
11                 <td rowspan="2"><a href="expenses.html" target="_blank">Expenses</a></td>
12                 <td rowspan="1" colspan="2" align="center">Average</td>
13                 <td rowspan="2">Red eyes</td>
14             </tr>
15             <tr>
16                 <td>height</td>
17                 <td>weight</td>
18             </tr>
19             <tr>
20                 <td>Males</td>
21                 <td>1.9</td>
22                 <td>0.003</td>
23                 <td colspan="2">40%</td>
24             </tr>
25             <tr>
26                 <td>Females</td>
27                 <td>1.7</td>
28                 <td>0.002</td>
29                 <td colspan="2">43%</td>
30             </tr>
31         </table>
32     </body>
33 </html>
34

```

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>
```

```
      23BCE
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    <table border="1" cellspacing="0" cellpadding="5" bgcolor="#23bce5036sar">
```

```
      <tr>
```

```
        <td rowspan="2"><a href="expenses.html" target="_blank">Expenses</a></td>
```

```
        <td rowspan="1" colspan="2" align="center">Average</td>
```

```
        <td rowspan="2">Red eyes</td>
```

```

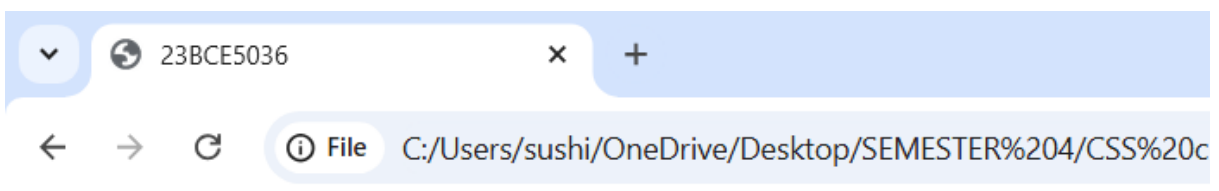
</tr>
<tr>
  <td>height</td>
  <td>weight</td>
</tr>
<tr>
  <td>Males</td>
  <td>1.9</td>
  <td>0.003</td>
  <td colspan="2">40%</td>

</tr>
<tr>
  <td>Females</td>
  <td>1.7</td>
  <td>0.002</td>
  <td colspan="2">43%</td>

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

```

Output:



<a href="#">Expenses</a>	Average		Red eyes
	height	weight	
Males	1.9	0.003	40%
Females	1.7	0.002	43%



## Question-4

Code:

```
Welcome index.html X
index.html > html > head > title
1 <!DOCTYPE >
2 <html>
3   <head>
4     <title>
5       23BCE5036
6     </title>
7   </head>
8   <body>
9     <table border="1" cellspacing="0" cellpadding="4">
10      <tr bgcolor="#CCCFBC">
11        <td rowspan="2"><b>Year</b></td>
12        <td rowspan="2"><b>Quarter</b></td>
13        <td rowspan="1" colspan="2"><b>Expenses</b></td>
14        <td rowspan="1" colspan="2"><b>Income</b></td>
15      </tr>
16      <tr bgcolor="#CCCFBC">
17        <td rowspan="1">Quetta</td>
18        <td rowspan="1">Dubai</td>
19        <td rowspan="1">Quetta</td>
20        <td rowspan="1">Dubai</td>
21      </tr>
22      <tr bgcolor="#ee1919">
23        <td bgcolor="#CCCFBC" rowspan="4">2021</td>
24        <td rowspan="1">1</td>
25        <td rowspan="1">1,900</td>
26        <td rowspan="1">8,650</td>
27        <td rowspan="1">9,000</td>
28        <td rowspan="1">7,780</td>
29      </tr>
30      <tr bgcolor="#ff33d6">
31        <td rowspan="1">2</td>
32        <td rowspan="1">2,230</td>
33        <td rowspan="1">8,650</td>
34        <td rowspan="1">8,500</td>
35        <td rowspan="1">8,670</td>
36      </tr>
37      <tr bgcolor="#0096FF">
```

```
38        <td rowspan="1">3</td>
39        <td rowspan="1">4,000</td>
40        <td rowspan="1">8,650</td>
41        <td rowspan="1">9,900</td>
42        <td rowspan="1">9,870</td>
43      </tr>
44      <tr bgcolor="green">
45        <td rowspan="1">4</td>
46        <td rowspan="1">2,200</td>
47        <td rowspan="1">8,650</td>
48        <td rowspan="1">9,900</td>
49        <td rowspan="1">9,870</td>
50      </tr>
51
52      <tr bgcolor="#ee1919">
53        <td bgcolor="#CCCFBC" rowspan="4">2022</td>
```

```

57         <td rowspan="1">7,780</td>
58         <td rowspan="1">9,000</td>
59     </tr>
60     <tr bgcolor="#ff33d6">
61         <td rowspan="1">2</td>
62         <td rowspan="1">8,670</td>
63         <td rowspan="1">8,650</td>
64         <td rowspan="1">8,670</td>
65         <td rowspan="1">9,000</td>
66     </tr>
67     <tr bgcolor="#0096FF">
68         <td rowspan="1">3</td>
69         <td rowspan="1">9,870</td>
70         <td rowspan="1">8,650</td>
71         <td rowspan="1">9,870</td>
72         <td rowspan="1">9,900</td>
73     </tr>
74     <tr bgcolor="green">
75         <td rowspan="1">4</td>
76         <td rowspan="1">9,900</td>
77         <td rowspan="1">8,650</td>
78         <td rowspan="1">9,900</td>
79         <td rowspan="1">9,800</td>
80     </tr>
81     <tr bgcolor="#CCCFBC">
82         <td>2013</td>
83         <td colspan="5" align="center">****</td>
84     </tr>
85 </table>
86 </body>
87
88 </html>
89

```

<!DOCTYPE >

<html>

<head>

<title>

23BCE5036

</title>

</head>

<body>

<table border="1" cellspacing="0" cellpadding="4">

<tr bgcolor="#CCCFBC">

<td rowspan="2"><b>Year</b></td>

<td rowspan="2"><b>Quarter</b></td>

```

        <td rowspan="1" colspan="2"><b>Expenses</b></td>

        <td rowspan="1" colspan="2"><b>Income</b></td>
    </tr>
    <tr bgcolor="#CCCFBC">
        <td rowspan="1" >Quetta</td>
        <td rowspan="1" >Dubai</td>
        <td rowspan="1">Quetta</td>
        <td rowspan="1">Dubai</td>
    </tr>
    <tr bgcolor="#ee1919">
        <td bgcolor="#CCCFBC" rowspan="4" >2021</td>
        <td rowspan="1" >1</td>
        <td rowspan="1">1,900</td>
        <td rowspan="1">8,650</td>
        <td rowspan="1">9,000</td>
        <td rowspan="1">7,780</td>
    </tr>
    <tr bgcolor="#ff33d6">
        <td rowspan="1" >2</td>
        <td rowspan="1">2,230</td>
        <td rowspan="1">8,650</td>
        <td rowspan="1">8,500</td>
        <td rowspan="1">8,670</td>
    </tr>
    <tr bgcolor="#0096FF">
        <td rowspan="1" >3</td>
        <td rowspan="1">4,000</td>
        <td rowspan="1">8,650</td>
        <td rowspan="1">9,900</td>
        <td rowspan="1">9,870</td>
    </tr>

```

```
<tr bgcolor="green">
  <td rowspan="1" >4</td>
  <td rowspan="1">2,200</td>
  <td rowspan="1">8,650</td>
  <td rowspan="1">9,900</td>
  <td rowspan="1">9,870</td>
</tr>
```

```
<tr bgcolor="#ee1919">
  <td bgcolor="#CCCCBC" rowspan="4" >2022</td>
  <td rowspan="1" >1</td>
  <td rowspan="1">7,780</td>
  <td rowspan="1">8,650</td>
  <td rowspan="1">7,780</td>
  <td rowspan="1">9,000</td>
</tr>
```

```
<tr bgcolor="#ff33d6">
  <td rowspan="1" >2</td>
  <td rowspan="1">8,670</td>
  <td rowspan="1">8,650</td>
  <td rowspan="1">8,670</td>
  <td rowspan="1">9,000</td>
</tr>
```

```
<tr bgcolor="#0096FF">
  <td rowspan="1" >3</td>
  <td rowspan="1">9,870</td>
  <td rowspan="1">8,650</td>
  <td rowspan="1">9,870</td>
  <td rowspan="1">9,900</td>
</tr>
```

```
<tr bgcolor="green">
```

```

<td rowspan="1" >4</td>

<td rowspan="1">9,900</td>

<td rowspan="1">8,650</td>

<td rowspan="1">9,900</td>

<td rowspan="1">9,800</td>

</tr>

<tr bgcolor="#CCCFBC">

<td>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	9,900	9,870
2022	1	7,780	8,650	7,780	9,000
	2	8,670	8,650	8,670	9,000
	3	9,870	8,650	9,870	9,900
	4	9,900	8,650	9,900	9,800
2013	****				

## Question-5

Code:

```
Welcome index.html X
index.html > html > head > title
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>23BCE5036</title>
5      </head>
6      <body>
7          <h1><b>Markup Languages</b></h1>
8          <dl>
9              <dt>SGML</dt>
10             <dd>The Standard Generalized Markup Language</dd>
11             <dt>HTML</dt>
12             <dd>The Hypertext Markup Language</dd>
13             <dt>XML</dt>
14             <dd>The Extensible Markup Language</dd>
15         </dl>
16
17         <p><h2><b>&nbsp;&nbsp; Learning Web Development</b></h2>
18             <ol type="I">
19                 <li>Background Skills</li>
20                 <ol type="A">
21                     <li>Unix Commands</li>
22                     <li>Vim Text Editor</li>
23                 </ol>
24                 <li>HTML</li>
25                 <ol type="A">
26                     <li>Minimal Page</li>
27                     <li>Headings</li>
28                     <li>Tags</li>
29                     <li>Lists</li>
30                     <ol type="i">
31                         <li>Unordered</li>
32                         <li>Ordered</li>
33                         <li>Definition</li>
34                         <li>Nested</li>
35                     </ol>
36                     <li>Links</li>
37                     <ol type="i">
```

```

25         <ol type="A">
42     </ol>
43     <li>CSS</li>
44     <ol type="A">
45         <li>Anatomy</li>
46         <li>Basic Selectors</li>
47         <ol type="i">
48             <li>Element</li>
49             <li>Class</li>
50             <li>ID</li>
51             <li>Group</li>
52         </ol>
53         <li>The DOM</li>
54         <li>Advanced Selectors</li>
55         <li>Box Model</li>
56     </ol>
57     <li>Programming</li>
58     <ol type="A">
59         <li>Python</li>
60         <li>JavaScript</li>
61     </ol>
62     <li>Database</li>
63     <ol type="A">
64         <li>Flat File</li>
65         <li>Relational</li>
66     </ol>
67 </ol>
68 </p>
69 <p align="center"><a href="#" align="center">HTML</a> HOME</p>
70
71
72 </body>
73 </html>

```

<!DOCTYPE html>

<html>

<head>

<title>23BCE5036</title>

</head>

<body>

<h1><b>Markup Languages</b></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>

<p><h2><b>&nbsp;&nbsp; Learning Web Development</b></h2>

<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>Definition</li>

<li>Nested</li>

</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>
</p>
<p align="center"><a href="#" align="center">HTML</a> HOME</p>

</body>
</html>
```

Output:

## 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

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