Batch: C2　　　　**Roll No.:16010122257**
Experiment No. 01
Grade: AA / AB / BB / BC / CC / CD /DD
Signature of the Staff In-charge with date

TITLE: Design the static web pages with the help of HTML5

AIM: To create static Web Pages using HTML5.

Expected Outcome of Experiment: Design static web pages using various HTML tags.

Books/ Journals/ Websites referred:
1. Freecodecamp
2. W3 Schools

Problem Statement:
Design the static web pages with the HTML.
A) Design the following static web pages required for an online e-commerce web site.
1) HOME PAGE: The static home page must contain atleast three frames.
2) LOGIN PAGE
3) REGISTRATION PAGE
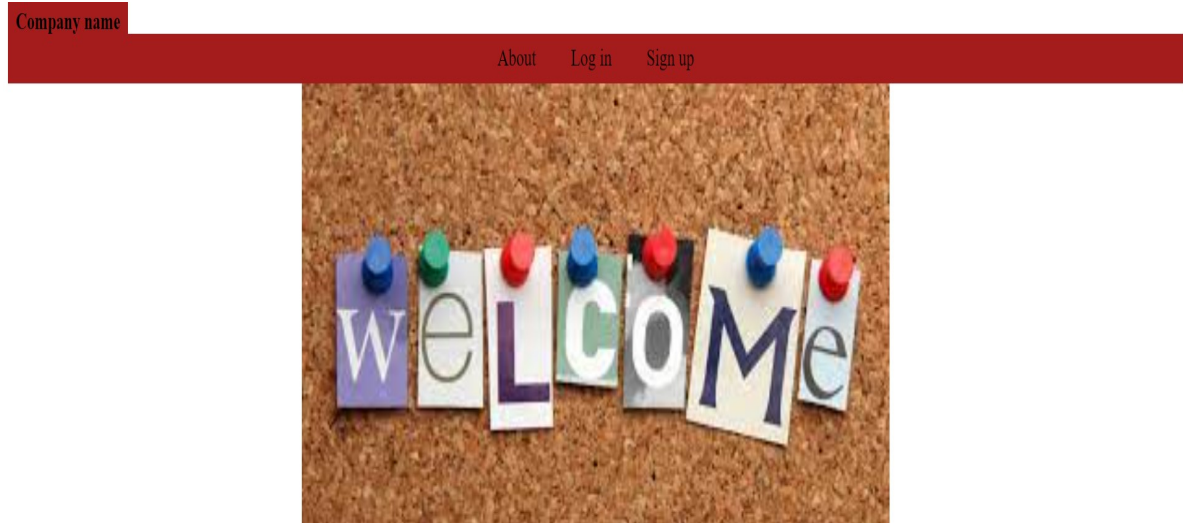B) Create a table to show your class timetable.

HTML tags Used :
● <!DOCTYPE html>: This declaration defines the document to be HTML5. It must be the very first thing in your HTML document, before the <html> tag.
● <html lang="en">: The <html> element represents the root of an HTML page. The lang attribute specifies the language of the web page.
● <head>: The <head> element contains meta-information about the HTML document that is not displayed on the page itself. It typically includes the title of the document, character set, styles, scripts, and other metadata.

- <meta charset="UTF-8">: The <meta> tag defines metadata about the HTML document. The charset attribute specifies the character encoding for the HTML document.
- <meta name="viewport" content="width=device-width, initial-scale=1.0">: The viewport meta tag is used for responsive web design. It controls the layout on mobile browsers.
- <title>: The <title> tag defines the title of the document. The title must be text-only, and it is shown in the browser's title bar or tab.
- <style>: The <style> tag is used to contain style information for a document, or part of a document. It is typically placed within the <head> element.
- <body>: The <body> tag represents the content of an HTML document that will be visible to users.
- <form>: The <form> tag is used to create an HTML form for user input.
- <h2>: The <h2> tag defines a heading. HTML headings are defined with the <h1> to <h6> tags.
- <b>: The <b> tag defines bold text without any extra importance.
- <label>: The <label> tag defines a label for several elements.
- <input>: The <input> tag is used to create interactive controls for web-based forms in order to accept data from the user.
- <header>: The <header> tag defines a header for a document or a section.
- <nav>: The <nav> tag defines a set of navigation links.
- <a>: The <a> tag defines a hyperlink, which is used to link from one page to another.
- <img>: The <img> tag embeds an image in an HTML page.
- <table>, <tr>, <td>: These tags are used to create tables. <table> creates a table, <tr> creates a table row, and <td> creates a table cell.
- <button>: The <button> tag defines a clickable button.
- <th>: The <th> tag defines a header cell in a table.
- </body>: The closing body tag indicates the end of the content in the body of the HTML document.
- </html>: The closing html tag indicates the end of an HTML document.

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Description of the application implemented with output:
OUTPUTS:
HOMEPAGE:

LOGIN PAGE:

LOGIN

SIGN UP/REGISTRATION PAGE:

Sign up

WELCOME!

First-name

Last name

Email

Mobile

Username:

Password:

[Signup]

TIMETABLE:

Timings	Monday	Tuesday			Wednesday			Thursday			Friday		
9:00-10:00	Honours Lab B204 KRK	Honours Lab B204 KRK			Honours B204			Honours B204			Honours B204		
10:00-11:00					AOA B203 SJY			AOA B203 SJY			AOA B203 SJY		
11:00-12:00	PSOT B203 RBS	C1 WPL B115 SJY	C2 WPL B215 KMK	C3 WPL B116 PSG	C1 RDBMS B117 BD	C2 WPL B215 KMK	C3 WPL B115 PSG	RDBMS B203 JMR			RDBMS B203 JMR		
12:00-01:00	RDBMS B203 JMR							PSOT B203 RBS			PSOT B203 RBS		
01:00-02:00	LUNCH												
02:00-03:00	TAC B203 PRG	TAC B203 PRG			C1 WPL CCF_A SJY	C2 MP B210A PSG	C3 AOA B116 GSS	TAC B203 PRG			C1 PSOT CCF_A JHK	C2 PSOT CCF_B	C3 PSOT B210A RBS
03:00-04:00	--	--						C1 TAC B203 PRG	C2 TAC A104 SDC	C3 TAC B204 AAG	C1 MP B203 NN2	C2 MP B203 PSG	C3 MP B203 RAN
04:00-05:00	--	--			--			C1 AOA B107A ZSS	C2 RDBMS B512 SNS	C3 MP B109 RAN	C1 MP B109 NN2	C2 AOA B107A SJY	C3 RDBMS B117 JMR
05:00-06:00	--	--			--								

Post Lab Objective with Ans (Min 5):

HOMEPAGE:

```
C: > Users > DELL > Downloads > <> idxn.html > ⊗ html > ⊗ head > ⊗ header > ⊗ style > ⚡ nav
 1   <!DOCTYPE html>
 2   <html lang="en">
 3   <head>
 4       <meta charset="UTF-8">
 5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
 6       <title>E Commerce homepage</title>
 7       <header>
 8           <b>Company name</b>
 9               <nav>
10                   <a href="#about">About</a>
11                   <a href="#login">Log in</a>
12                   <a href="#signup">Sign up</a>
13
14               </nav>
15
16               <style>
17
18               nav {
19                   background-color: #a41c1c;
20                   padding: 10px;
21                   text-align: center;
22               }
23               b {
24                   background-color: #a41c1c;
25                   padding:10px;
26               }
27
28               nav a {
29                   text-decoration: none;
30                   color: #0b0101;
31                   margin: 0 10px;
32                   padding: 5px 10px;
33                   border-radius: 5px;
34                   cursor: pointer;
35               }
36
37               nav a:hover {
38                   background-color: #540c0c;
39                   color: white;
40               }
41           </style>
42
43
44   </header>
45   <body>
46               <img src="download.jpg" width="60px" class="center" >
47               <style>
48               .center {
49                   display: block;
50                   margin-left: auto;
51                   margin-right: auto;
52                   width: 50%;
53                   }
54               </style>
55   </body>
56   </head>
57   </html>
```

LOGIN PAGE:

```
C: > Users > DELL > Downloads > <> login.html > ⬡ html > ⬡ body > ⬡ table > ⬡ tr
 1   <!DOCTYPE html>
 2   <html>
 3   <head>
 4   <title>Login Page</title>
 5   <b>Log in</b>
 6   <style>
 7   b {
 8       text-align:center;
 9       padding:700px;
10   }
11   table {
12       border: 1px solid ☐black;
13       text-align: center;
14       align-items: center;
15       justify-content: center;
16       padding:100px;
17       width:100px;
18   }
19   button {
20    background-color: ☐#4CAF50;
21    color: ☐white;
22   }
23   </style>
24   </head>
25   <body>
26   <table>
27    <tr>
28      <td>Email address:</td>
29      <td><input type="text" name="email"></td>
30    </tr>
31    <tr>
32      <td>Password:</td>
33      <td><input type="password" name="password"></td>
34    </tr>
35    <tr>
36      <td colspan="2"><button type="submit">Login</button></td>
37    </tr>
38   </table>
39   </body>
40   </html>
```

SIGNUP PAGE:

```
C: > Users > DELL > Downloads > <> signup.html > 🔗 html > 🔗 body > 🔗 form > 🔗 b
 1   <!DOCTYPE html>
 2   <html lang="en">
 3   <head>
 4       <meta charset="UTF-8">
 5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
 6       <title>Sign Up Here!</title>
 7       <style>
 8           form {
 9               width: 300px;
10               margin: 0 auto;
11           }
12           label {
13               display: block;
14               margin-top: 20px;
15           }
16           input[type="text"], input[type="email"], input[type="tel"], input[type="password"] {
17               width: 100%;
18               padding: 10px;
19               box-sizing: border-box;
20           }
21           input[type="submit"] {
22               margin-top: 20px;
23           }
24       </style>
25   </head>
26   <body>
27       <form>
28           <h2>Sign up</h2>
29           <b>WELCOME!</b>
30           <label for="firstName">First-name</label>
31           <input type="text" id="firstName" name="firstName"><br>
32           <label for="lastName">Last name</label>
33           <input type="text" id="lastName" name="lastName"><br>
34           <label for="email">Email</label>
35           <input type="email" id="email" name="email"><br>
36           <label for="mobile">Mobile</label>
37           <input type="tel" id="mobile" name="mobile"><br>
38           <label for="username">Username:</label><br>
39           <input type="text" id="username" name="username"><br>
40           <label for="password">Password:</label><br>
41           <input type="password" id="password" name="password"><br>
42           <input type="submit" value="Signup">
43       </form>
44   </body>
45   </html>
46
```

TIMETABLE:

```html
<!DOCTYPE html>
<html>
<head>
<title>TABLES</title>
<style>
    table, th, td {
        top: 100px;
        bottom:100px;
        border: 1px solid black;
        text-align: center;
        box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
        background-color: #f2f2f2;
        font-size: 0.8em;
    }

    th, td {
        padding: 10px;
        text-align:center;
    }

    .center-table {
        display: flex;
        justify-content: center;
        align-items: center;
        height: 100vh;
        width: 50%;
        overflow: auto;
    }

</style>
</head>
<body>

<table class="center-table" style="width:100%">
<tr>
<th>Timings</th>
<th>Monday</th>
<th colspan="3">Tuesday</th>
<th colspan="3">Wednesday</th>
<th colspan="3">Thursday</th>
<th colspan="3">Friday</th>

</tr>

<tr>
<td>9:00-10:00</td>
<td rowspan="2">Honours Lab B204 KRK</td>
<td rowspan="2" colspan="3">Honours Lab B204 KRK</td>
<td colspan="3">Honours B204</td>
<td colspan="3">Honours B204</td>
<td colspan="3">Honours B204</td>
</tr>

<tr>
<td>10:00-11:00</td>
<td colspan="3">AOA B203 SJY</td>
<td  colspan="3">AOA B203 SJY</td>
<td  colspan="3">AOA B203 SJY</td>
</tr>

<tr>
```

```html
63    <td>11:00-12:00</td>
64    <td>PSOT B203 RBS</td>
65    <td rowspan="2">C1 WPL B115 SJY</td>
66    <td rowspan="2">C2 WPL B215 KMK</td>
67    <td rowspan="2">C3 WPL B116 PSG</td>
68    <td rowspan="2">C1 RDBMS B117 BD</td>
69    <td rowspan="2">C2 WPL B215 KMK</td>
70    <td rowspan="2" >C3 WPL B115 PSG</td>
71    <td colspan="3">RDBMS B203 JMR</td>
72    <td colspan="3">RDBMS B203 JMR</td>
73
74    </tr>
75
76    <tr>
77    <td>12:00-01:00</td>
78    <td>RDBMS B203 JMR</td>
79    <td colspan="3">PSOT B203 RBS</td>
80    <td colspan="3">PSOT B203 RBS</td>
81
82
83    </tr>
84
85    <tr>
86      <td>01:00-02:00</td>
87      <td colspan="13">LUNCH</td>
88      </tr>
89
90
91      <tr>
92        <td>02:00-03:00</td>
93        <td>TAC B203 PRG</td>
94        <td colspan="3">TAC B203 PRG</td>
95        <td rowspan="2">C1 WPL CCF_A SJY</td>
96        <td rowspan="2">C2 MP B210A PSG</td>
97        <td rowspan="2">C3 AOA B116 GSS</td>
98        <td colspan="3">TAC B203 PRG</td>
99        <td>C1 PSOT CCF_A JHK</td>
100       <td>C2 PSOT CCF_B </td>
101       <td>C3 PSOT B210A RBS</td>
102       </tr>
103
104   <tr>
105       <td>03:00-04:00</td>
106       <td>--</td>
107       <td colspan="3">--</td>
108       <td>C1 TAC B203 PRG</td>
109       <td>C2 TAC A104 SDC</td>
110       <td>C3 TAC B204 AAG </td>
111       <td>C1 MP B203 NN2</td>
112       <td>C2 MP B203 PSG</td>
113       <td>C3 MP B203 RAN</td>
114   </tr>
115
116   <tr>
117     <td>04:00-05:00</td>
118     <td>--</td>
119     <td colspan="3">--</td>
120     <td colspan="3">--</td>
121     <td rowspan="2">C1 AOA B107A ZSS</td>
122     <td rowspan="2">C2 RDBMS B512 SNS</td>
123     <td rowspan ="2" >C3 MP B109 RAN</td>
124     <td rowspan ="2" >C1 MP B109 NN2</td>
125     <td rowspan ="2" >C2 AOA B107A SJY</td>
126     <td rowspan ="2" >C3 RDBMS B117 JMR</td>
```

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```
127
128        </tr>
129
130        <tr>
131            <td>05:00-06:00</td>
132            <td>--</td>
133            <td colspan="3">--</td>
134            <td colspan="3">--</td>
135        </tr>
136    <h1>
137    <body>
138
139    </body>
140    </h1>
141    </table>
142    </td>
143
144
145
```

Date: **Signature of faculty in-charge**

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