

EXPERIMENT NO 1

Working with HTML and CSS

AIM: Learn to work with HTML tags and CSS properties.

Question (1): Develop a Profile Page.

SOURCE CODE:

HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="Chrome">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My Profile</title>
  <link rel="stylesheet" href="../styles/profile.css">
  <style>
    body {
      background-repeat: no-repeat;
      background-position: center;
      background-size: cover;
    }
    div {
      text-align: center;
      align-items: center;
    }
  </style>
</head>

<body background="../images/pxfuel (1).jpg">
  <p align="right">
    <a href="../index.htm"><button onmouseover="this.style.color='red'">GO
BACK TO INDEX</button></a>
  </p>
  <center>
    <div style="color: green;">
      <h1>My Profile Display</h1>
    </div>
```

```
<div class="card"><img src='../images/profile.jpg' alt="Akash Kumar
Yadav" width="auto" height="auto"></div><br>
<div class="name">Akash Kumar Yadav</div><br>
<div class="desg">MCA, BCA<br>UPES University</div><br>
<div>
    <span><a href="https://www.linkedin.com/in/akashyadav6"
target="_blank"></a></span>
    <span><a href="https://www.github.com/akashkumaryadav6"
target="_blank"></a></span>
</div>
</center>
</body>

</html>
```

CSS

```
.name{
    font-size: 28px;
    font-family: 'Verdana';
    font-style: bold;
    margin:auto;
    text-align: center;
    max-width: fit-content;
    max-height: fit-content;
    box-shadow: 0 3px 0 0 rgba(0, 0, 0, 0.2);
}

.desg{
    font-size: 20px;
    font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida
Sans Unicode', Geneva, Verdana, sans-serif;
    font-style: oblique;
    font:bolder;
    max-width: fit-content;
    max-height: fit-content;
    margin:auto;
    text-align: center;
    box-shadow: 0 3px 0 0 rgba(0, 0, 0, 0.2);
}

.title {
    color: green;
    font-size: 22px;
}

.card {
```

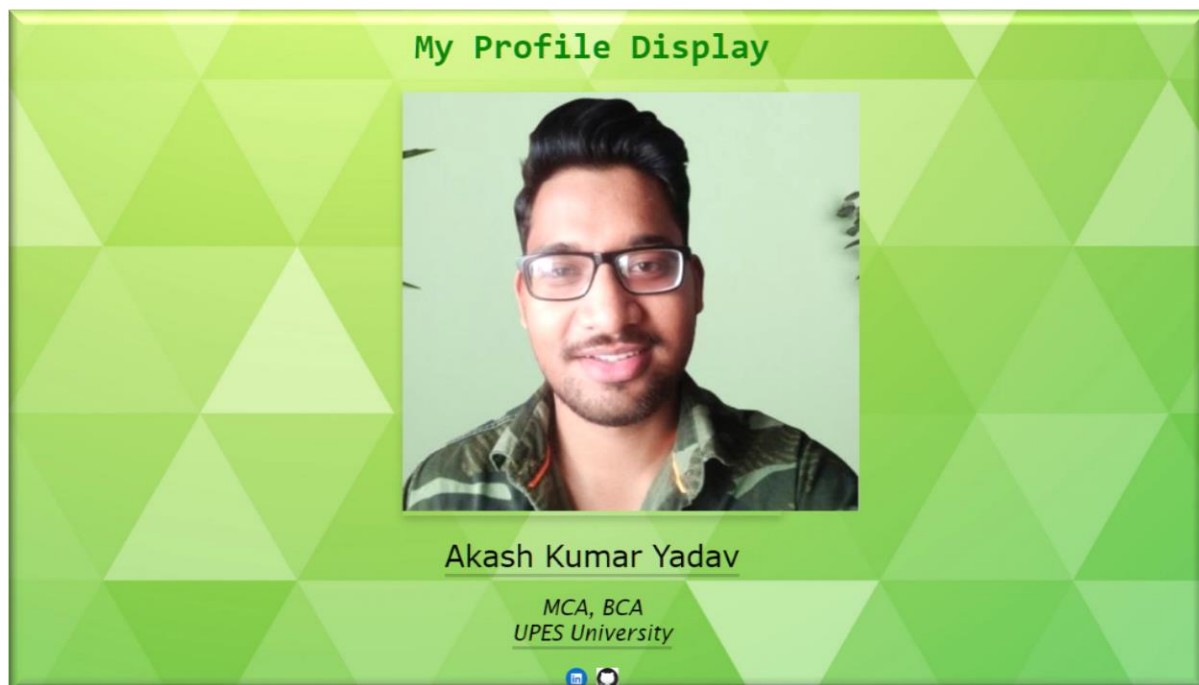
```
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);
    max-width: 30%;
    max-height: auto;
    margin:auto;
    text-align: center;
}

button {
    background-color: cyan;
    border: none;
    outline: 0;
    cursor: pointer;
    font-size: 14px;
}

span{
    cursor: pointer;
}

button:hover, a:hover {
    opacity: 0.7;
}

body{
    margin: 0;
    padding: 0;
}
```

OUTPUT SCREENSHOT:

Question (2): Develop a Contact Us Form.**SOURCE CODE:****HTML**

```
<!DOCTYPE html>
<head>
  <meta http-equiv="X-UA-Compatible" content="Chrome">
  <title>Contact Us</title>
</head>
<body>
  <p align="right">
    <a href="../index.htm"><button onmouseover="this.style.color='red'">GO
BACK TO INDEX</button></a>
  </p>
  <form>
    <fieldset>
      <legend>
        <h2>Contact Us</h2>
      </legend>
      <div>
        <label for="name">Name: </label>
        <input type="text" required placeholder="Enter your name"
name="username" id="name">
      </div><br>
      <div>
        <label for="email">Email: </label>
        <input type="email" required placeholder="Enter your Email"
name="useremail" id="email">
      </div><br>

      <div>Message:
        <textarea required name="usermessage" id="message" cols="17"
rows="5"></textarea>
      </div><br>

      <div>Number:
        <input required name="usernumber" id="number" type="number">
      </div><br>

      <div>Gender:
        <select required name="usergender" id="gender" size="1">
          <option value="male">Male</option>
          <option value="female">Female</option>
          <option value="space" selected> </option>
        </select>
      </div><br>
      <input type="submit" value="Submit">
      <br>
    </fieldset>
  </form>
</body>
```

</html>

OUTPUT SCREENSHOT:

[GO BACK TO INDEX](#)

Contact Us

Name:

Email:

Message:

Number:

Gender:

Question (3): Design Class Timetable using HTML.

SOURCE CODE:

HTML

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="Chrome">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>MCA TIME TABLE</title>
  <link rel="stylesheet" href="../styles/tt.css">
  <style>
    .tt {
      background-color: cyan;
      width: fit-content;
    }

    table,
    th {
      border-style: solid;
      border-width: 2px;
    }

    td {
      border-style: solid;
      border-width: 1px;
      text-align: center;
    }
  </style>
</head>

<body>
  <div>
    <table>
      <tr>
        <th></th>
        <th></th>
        <th></th>
        <th></th>
        <th></th>
        <th></th>
      </tr>
      <tr>
        <td></td>
        <td></td>
        <td></td>
        <td></td>
        <td></td>
        <td></td>
      </tr>
    </table>
  </div>
</body>
</html>
```

```
    }
    th {
        writing-mode: vertical-rl;
        text-orientation: sideways;
        text-transform: uppercase;
        text-decoration: solid;
        color: blue;
    }
</style>
</head>

<body>
    <div align="right">
        <a href="../index.htm"><button onmouseover="this.style.color='red'">GO BACK
TO INDEX</button></a>
    </div>
    <center>
        <div>
            <center>
                <h2 style="color:brown">ODD_JULY_DEC_2023</h2>
                <h3 style="color:green">Group Timetable - MCA-I-B3, 50077653 (Wks 1-
30, 01-07-2023 - 20-01-2024)</h3>
            </center>
        </div>
        <hr>
        <div style="width:auto; height: 40%;">
            <table>
                <tr class="tt" style="font-style: oblique;">
                    <td></td>
                    <td>08:00AM</td>
                    <td>09:00AM</td>
                    <td>10:00AM</td>
                    <td>11:00AM</td>
                    <td>12:00PM</td>
                    <td>01:00PM</td>
                    <td>02:00PM</td>
                    <td>03:00PM</td>
                    <td>04:00PM</td>
                    <td>05:00PM</td>
                </tr>
                <tr>
                    <th>Sat</th>
                    <td></td>
                    <td></td>
                    <td></td>
                    <td></td>
                    <td></td>
                    <td></td>
                    <td></td>
                    <td></td>
                    <td></td>
                    <td></td>
                </tr>
                <tr>
```

[illegible]

Programming	Staff: Neeraja Sisodia Room: 4002	<td style="border-color:black;">Module: Python	
	Groups: MCA-I-B3; MCA-I-B4 Staff: Anushree Sah Room: 4002	<td style="border-color:yellow;">Module: Software	
Engineering	Groups: MCA-I-B3; MCA-I-B4 Staff: Sonali Vyas Room: 4002	<td></td>	
	<td></td>	</tr>	
Technologies	<tr>	<th>Wednesday</th>	
	<td></td>	<td style="border-color: yellow;" colspan="2">Module: Web	
Structure	Groups: MCA-I-B3; MCA-I-B4 Staff: Dhiviya Rose J Room: 4002	<td style="border-color:green;">Module: AI 	
	Groups: MCA-I-B3; MCA-I-B4 Staff: Mitali Chugh Room: 4001	<td style="border-color: green;">Module: Data Science 	
Aptitude	Groups: MCA-I-B3; MCA-I-B4 Staff: Sanoj Kumar Room: 6205	<td style="border-color:yellow;" colspan="2">Module: Data	
	Groups: MCA-I-B3; MCA-I-B4 Staff: Ambika Aggarwal Room: 4002	<td style="border-color: purple;">Module: EDGE	
Structure Lab	Groups: MCA-I-B3; MCA-I-B4 Staff: A Room: 4002	<td></td>	
	<td></td>	</tr>	
	<tr>	<th>Thursday</th>	
	<td></td>	<td style="border-color: red;" colspan="2">Module: Data	
	Groups: MCA-I-B3; MCA-I-B4 Staff: Ambika Aggarwal Room: 4002	<td style="border-color:green;">Module: AI 	
	Groups: MCA-I-B3; MCA-I-B4 Staff: Mitali Chugh Room: 4001	<td></td>	


```
<td style="border-color: green;"><b>Module: Data Science</b><br>
  Groups: MCA-I-B3; MCA-I-B4<br>
  Staff: Sanoj Kumar<br>
  Room: 6205</td>
<td></td>
<td style="border-color: yellow;"><b>Module: Software
Engineering</b> <br>
  Groups: MCA-I-B3; MCA-I-B4<br>
  Staff: Sonali Vyas<br>
  Room: 4002</td>
<td style="border-color: purple;"><b>Module: EDGE
Aptitude</b><br>
  Groups: MCA-I-B3; MCA-I-B4<br>
  Staff: A<br>
  Room: 4002</td>
<td></td>
<td></td>
</tr>
<tr>
<th>Friday</th>
<td></td>
<td style="border-color: red;" colspan="2"><b>Module: Python
Programming</b><br>
  Groups: MCA-I-B3; MCA-I-B4<br>
  Staff: Anushree Sah<br>
  Room: 4002</td>
<td style="border-color: green;"><b>Module: AI</b><br>
  Groups: MCA-I-B3; MCA-I-B4<br>
  Staff: Mitali Chugh<br>
  Room: 4001</td>
<td style="border-color: green;"><b>Module: Data Science</b><br>
  Groups: MCA-I-B3; MCA-I-B4<br>
  Staff: Sanoj Kumar<br>
  Room: 6205</td>
<td></td>
<td style="border-color: yellow;"><b>Module: Software
Engineering</b> <br>
  Groups: MCA-I-B3; MCA-I-B4<br>
  Staff: Sonali Vyas<br>
  Room: 4002</td>
<td style="border-color: yellow;" colspan="2"><b>Module: Web
Technologies</b><br>
  Groups: MCA-I-B3; MCA-I-B4<br>
  Staff: Dhiviya Rose J<br>
  Room: 4002</td>
<td></td>
</tr>
</table>
</div>
</center>
</body>
</html>
```

OUTPUT SCREENSHOT:

[GO BACK TO INDEX](#)

ODD_JULY_DEC_2023

Group Timetable - MCA-I-B3, 50077653 (Wks 1-30, 01-07-2023 - 20-01-2024)

	08:00AM	09:00AM	10:00AM	11:00AM	12:00PM	01:00PM	02:00PM	03:00PM	04:00PM	05:00PM
SAT/SUN										
MONDAY		Module: Data Structure Lab Groups: MCA-I-B3; MCA-I-B4 Staff: Ambika Aggarwal Room: 4002		Module: Python Programming Groups: MCA-I-B3; MCA-I-B4 Staff: Anushree Sah Room: 4002			Module: Business Comm. & Ethics Groups: MCA-I-B3; MCA-I-B4 Staff: Neeraja Sisodia Room: 4002			
TUESDAY		Module: Web Technologies Groups: MCA-I-B3; MCA-I-B4 Staff: Dhiviya Rose J Room: 4002	Module: SOFTSKILLS Groups: MCA-I-B3; MCA-I-B4 Staff: MUSKAN Room: 4003	Module: Data Structure Groups: MCA-I-B3; MCA-I-B4 Staff: Ambika Aggarwal Room: 4002			Module: Business Comm. & Ethics Groups: MCA-I-B3; MCA-I-B4 Staff: Neeraja Sisodia Room: 4002	Module: Python Programming Groups: MCA-I-B3; MCA-I-B4 Staff: Anushree Sah Room: 4002	Module: Software Engineering Groups: MCA-I-B3; MCA-I-B4 Staff: Sonali Vyas Room: 4002	
WEDNESDAY		Module: Web Technologies Groups: MCA-I-B3; MCA-I-B4 Staff: Dhiviya Rose J Room: 4002		Module: AI Groups: MCA-I-B3; MCA-I-B4 Staff: Mitali Chugh Room: 4001	Module: Data Science Groups: MCA-I-B3; MCA-I-B4 Staff: Sanoj Kumar Room: 6205	Module: Data Structure Groups: MCA-I-B3; MCA-I-B4 Staff: Ambika Aggarwal Room: 4002		Module: EDGE Aptitude Groups: MCA-I-B3; MCA-I-B4 Staff: A Room: 4002		
THURSDAY		Module: Data Structure Lab Groups: MCA-I-B3; MCA-I-B4 Staff: Ambika Aggarwal Room: 4002		Module: AI Groups: MCA-I-B3; MCA-I-B4 Staff: Mitali Chugh Room: 4001	Module: Data Science Groups: MCA-I-B3; MCA-I-B4 Staff: Sanoj Kumar Room: 6205		Module: Software Engineering Groups: MCA-I-B3; MCA-I-B4 Staff: Sonali Vyas Room: 4002	Module: EDGE Aptitude Groups: MCA-I-B3; MCA-I-B4 Staff: A Room: 4002		
FRIDAY		Module: Python Programming Groups: MCA-I-B3; MCA-I-B4 Staff: Anushree Sah Room: 4002		Module: AI Groups: MCA-I-B3; MCA-I-B4 Staff: Mitali Chugh Room: 4001	Module: Data Science Groups: MCA-I-B3; MCA-I-B4 Staff: Sanoj Kumar Room: 6205		Module: Software Engineering Groups: MCA-I-B3; MCA-I-B4 Staff: Sonali Vyas Room: 4002	Module: Web Technologies Groups: MCA-I-B3; MCA-I-B4 Staff: Dhiviya Rose J Room: 4002		

Question (4). Design an Index Page.

SOURCE CODE:

HTML

```

<html>
<head>
  <title>INDEX</title>
  <style>
    body {
      background-image: linear-gradient(to left, green, lightgreen,
yellowgreen, darkgreen);
    }

    div {
      box-shadow: 2px 5px 20px greenyellow;
      max-width: fit-content;
      padding: 20px;
    }
  
```

```
table {
    text-align: left;
    font-family: 'Verdana';
    display: inline;
    align-self: center;
    align-items: center;
    width: fit-content;
    box-shadow: 5px 5px 15px rgba(0, 0, 0, 0.2);
    border-collapse: collapse;
}

th {
    text-align: center;
    background-color: lavender;
    color: black;
    padding: 10px;
}

td {
    padding: 8px;
}

a:link {
    color: black;
    text-decoration: none;
}

a:visited {
    color: white;
    background-color: brown;
}

a:hover {
    color: red;
    text-decoration: none;
}
</style>
</head>

<body>
    <center><u>
        <h1>INDEX</h1>
    </u></center>
    <center>
        <div>
            <table>
                <tr>
                    <th>S.No.</th>
                    <th>Activity</th>
                    <th>Date</th>
                </tr>
                <tr>
                    <td>&nbsp;</td>
                    <td>&nbsp;</td>
                    <td>&nbsp;</td>
                </tr>
            </table>
        </div>
    </center>
</body>
```

```

        </tr>
        <tr>
            <td>01</td>
            <td><a href="pages/table.htm" target="_blank">TABLE</a></td>
            <td>16 AUGUST 2023</td>
        </tr>
        <tr>
            <td>02</td>
            <td><a href="pages/JavaScript_.htm"
target="_blank">JAVASCRIPT</a></td>
            <td>18 AUGUST 2023</td>
        </tr>
        <tr>
            <td>03</td>
            <td><a href="pages/JavaScript_2.htm"
target="_blank">JAVASCRIPT</a></td>
            <td>22 AUGUST 2023</td>
        </tr>
        <tr>
            <td>04</td>
            <td><a href="pages/JavaScript_3.htm"
target="_blank">JAVASCRIPT</a></td>
            <td>23 AUGUST 2023</td>
        </tr>
        <tr>
            <td>05</td>
            <td><a href="pages/basictags.htm" target="_blank">BASIC
TAGS</a></td>
            <td>24 AUGUST 2023</td>
        </tr>
        <tr>
            <td>06</td>
            <td><a href="pages/lists.htm" target="_blank">LISTS</a></td>
            <td>24 AUGUST 2023</td>
        </tr>
        <tr>
            <td>07</td>
            <td><a href="pages/Profile.htm" target="_blank">#Lab Activity 1
(MY PROFILE)</a></td>
            <td>24 AUGUST 2023</td>
        </tr>
        <tr>
            <td>08</td>
            <td><a href="pages/contact.htm" target="_blank">#Lab Activity 1
(CONTACT US)</a></td>
            <td>24 AUGUST 2023</td>
        </tr>
        <tr>
            <td>09</td>
            <td><a href="pages/TimeTable.htm" target="_blank">#Lab Activity 1
(TIMETABLE)</a></td>
            <td>24 AUGUST 2023</td>
        </tr>
        <tr>
            <td>10</td>

```

```

        <td><a href="pages/JavaScript_4.htm" target="_blank">JAVASCRIPT
'onmouseover' & 'onmouseout'</a></td>
        <td>29 AUGUST 2023</td>
    </tr>
    <tr>
        <td>11</td>
        <td><a href="pages/ElectricityBill.htm" target="_blank">#Lab
Activity 2 (ELECTRICITY BILL)</a></td>
        <td>01 SEPTEMBER 2023</td>
    </tr>
    <tr>
        <td>12</td>
        <td><a href="pages/RollOverButtons.htm" target="_blank">#Lab
Activity 2 (ROLL OVER BUTTONS)</a></td>
        <td>01 SEPTEMBER 2023</td>
    </tr>
    <tr>
        <td>13</td>
        <td><a href="pages/FloatingIcons.htm" target="_blank">#Lab
Activity 2 (FLOATING ICONS)</a></td>
        <td>01 SEPTEMBER 2023</td>
    </tr>
    <tr>
        <td>14</td>
        <td><a href="pages/StopWatch.htm" target="_blank">#Lab Activity 2
(STOPWATCH)</a></td>
        <td>01 SEPTEMBER 2023</td>
    </tr>
    <tr>
        <td>15</td>
        <td><a href="pages/OddEven.htm" target="_blank">JAVASCRIPT
(Odd/Even)</a></td>
        <td>05 SEPTEMBER 2023</td>
    </tr>
    <tr>
        <td>16</td>
        <td><a href="pages/SwapVariables.htm" target="_blank">JAVASCRIPT
(Swap Variables)</a></td>
        <td>06 SEPTEMBER 2023</td>
    </tr>
    <tr>
        <td>17</td>
        <td><a href="pages/Bonus.htm" target="_blank">JAVASCRIPT
(Bonus)</a></td>
        <td>06 SEPTEMBER 2023</td>
    </tr>
    <tr>
        <td>18</td>
        <td><a href="pages/CurrencyConverter.htm"
target="_blank">JAVASCRIPT (Currency Converter)</a></td>
        <td>06 SEPTEMBER 2023</td>
    </tr>
    <tr>
        <td>19</td>
```

```

                <td><a href="pages/ElectricityBill2.htm" target="_blank">#Lab
Activity 2 VERSION 2 JAVASCRIPT (Electricity Bill) 2</a></td>
                <td>08 SEPTEMBER 2023</td>
            </tr>
            <tr>
                <td>20</td>
                <td><a href="pages/FloatingIcons2.htm" target="_blank">#Lab
Activity 2 VERSION 2 JAVASCRIPT (FLOATING ICONS) 2</a></td>
                <td>08 SEPTEMBER 2023</td>
            </tr>
            <tr>
                <td>21</td>
                <td><a href="pages/StopWatch2.htm" target="_blank">#Lab Activity
2 VERSION 2 JAVASCRIPT (STOPWATCH) 2</a></td>
                <td>08 SEPTEMBER 2023</td>
            </tr>
            <tr>
                <td>22</td>
                <td><a href="pages/Loop.htm" target="_blank">LOOP</a></td>
                <td>13 SEPTEMBER 2023</td>
            </tr>
            <tr>
                <td>23</td>
                <td><a href="pages/Array.htm" target="_blank">Array</a></td>
                <td>13 SEPTEMBER 2023</td>
            </tr>
            <tr>
                <td>24</td>
                <td><a href="pages/basiccal.htm" target="_blank">#Lab Activity 4
(Basic Calculator)</a></td>
                <td>15 SEPTEMBER 2023</td>
            </tr>
            <tr>
                <td>25</td>
                <td><a href="pages/Array2.htm" target="_blank">Array</a></td>
                <td>20 SEPTEMBER 2023</td>
            </tr>
            <tr>
                <td>26</td>
                <td><a href="pages/Audio.htm" target="_blank">Audio Tag</a></td>
                <td>22 SEPTEMBER 2023</td>
            </tr>
            <tr>
                <td>27</td>
                <td><a href="pages/Armstrong_Number.htm" target="_blank">#Lab
Activity 3 (Armstrong Number)</a></td>
                <td>29 SEPTEMBER 2023</td>
            </tr>
            <tr>
                <td>28</td>
                <td><a href="pages/Toggle.htm" target="_blank">#Lab Activity 3
(Toggle Case)</a></td>
                <td>29 SEPTEMBER 2023</td>
            </tr>
            <tr>
                <td>29</td>
                <td></td>
                <td></td>
            </tr>
        </tbody>
    </table>

```

```

                <td>29</td>
                <td><a href="pages/Divideby7.htm" target="_blank">#Lab Activity 3
(Divisible By 7 & 2)</a></td>
                <td>29 SEPTEMBER 2023</td>
            </tr>
            <tr>
                <td>30</td>
                <td><a href="pages/game.htm" target="_blank">GAME</a></td>
                <td>12 OCTOBER 2023</td>
            </tr>
            <tr>
                <td>31</td>
                <td><a href="pages/PHPArray.htm" target="_blank">#Lab Activity 4
(PHP Array)</a></td>
                <td>20 OCTOBER 2023</td>
            </tr>
        </table>
    </div>
</center>
</body>
</html>

```

OUTPUT SCREENSHOT:

<u>INDEX</u>		
S.No.	Activity	Date
01	TABLE	16 AUGUST 2023
02	JAVASCRIPT	18 AUGUST 2023
03	JAVASCRIPT	22 AUGUST 2023
04	JAVASCRIPT	23 AUGUST 2023
05	BASIC TAGS	24 AUGUST 2023
06	LISTS	24 AUGUST 2023
07	#Lab Activity 1 (MY PROFILE)	24 AUGUST 2023
08	#Lab Activity 1 (CONTACT US)	24 AUGUST 2023
09	#Lab Activity 1 (TIMETABLE)	24 AUGUST 2023
10	JAVASCRIPT 'onmouseover' & 'onmouseout'	29 AUGUST 2023
11	#Lab Activity 2 (ELECTRICITY BILL)	01 SEPTEMBER 2023
12	#Lab Activity 2 (ROLL OVER BUTTONS)	01 SEPTEMBER 2023
13	#Lab Activity 2 (FLOATING ICONS)	01 SEPTEMBER 2023
14	#Lab Activity 2 (STOPWATCH)	01 SEPTEMBER 2023
15	JAVASCRIPT (Odd/Even)	05 SEPTEMBER 2023
16	JAVASCRIPT (Swap Variables)	06 SEPTEMBER 2023
17	JAVASCRIPT (Bonus)	06 SEPTEMBER 2023
18	JAVASCRIPT (Currency Converter)	06 SEPTEMBER 2023
19	#Lab Activity 2 VERSION 2 JAVASCRIPT (Electricity Bill) 2	08 SEPTEMBER 2023
20	#Lab Activity 2 VERSION 2 JAVASCRIPT (FLOATING ICONS) 2	08 SEPTEMBER 2023