MODULE: 2

SE – HTML and CSS

1. Define the terms: Website, Webpage, Web browser, Web server, HTML, CSS

Website :

A website is a collection of web pages. It is one or more web pages that resides in a single server.

Webpage :

Webpage is hypertext document on the World Wide Web. You can create a webpage by using HTML (Hyper Text Markup Language).

Web Browser :

A software application used to access information on the WWW is called Web Browser. It is an interface between us and the information available on the web.

HTML :

HTML is define as Hyper Text Markup Language.

Hypertext : Text (images, too) that is organized in order to connect related items.

Markup : A style guide for typesetting anything to be printed in hardcopy or soft copy format.

Language : A language that a computer system understands and uses to interpret commands.
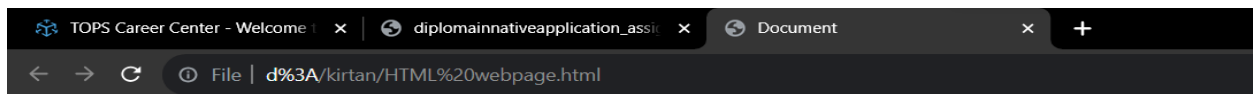
HTML determines the structure of web pages.

CSS :

CSS is define as Cascading Style Sheets. CSS is a computer language for laying out and structuring web pages (HTML or XML).

2. Create a webpage to show "This is my first HTML page".

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h1>This is my first HTML page</h1>
    <h2>This is my first HTML page</h2>
    <h3>This is my first HTML page</h3>
    <h4>This is my first HTML page</h4>
    <h5>This is my first HTML page</h5>
    <h6>This is my first HTML page</h6>
    <p>This is my first HTML page</p>
    <b>This is my first HTML page</b>
    <br><br>
    <i>This is my first HTML page</i>
    <br><br>
    <u>This is my first HTML page</u>
    <br><br>
    <marquee style="background-color: yellow; color: red;">This is my first HTML
page</marquee>
</body>
</html>
```

OUTPUT :

3. Display top 10 IT companies list in html webpage.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h3>Order List of Top 10 IT Company</h3>
    <ol style="background-color: aqua;">
        <li>Microsoft Corporation</li>
        <li>IBM</li>
        <li>TATA Consultancy Services Limited (TCS)</li>
        <li>Apple</li>
        <li>Amezon</li>
        <li>Google</li>
        <li>Infosys</li>
        <li>HCL Technologies</li>
        <li>Tech Mahindra</li>
        <li>Wipro</li>
    </ol>
    <h3>Unorder List of Top 10 IT Company</h3>
    <ul style="background-color: blue;" type="circle">
        <li>Microsoft Corporation</li>
        <li>IBM</li>
        <li>TATA Consultancy Services Limited (TCS)</li>
        <li>Apple</li>
        <li>Amezon</li>
        <li>Google</li>
        <li>Infosys</li>
        <li>HCL Technologies</li>
        <li>Tech Mahindra</li>
        <li>Wipro</li>
    </ul>
</body>
</html>
```

OUTPUT :
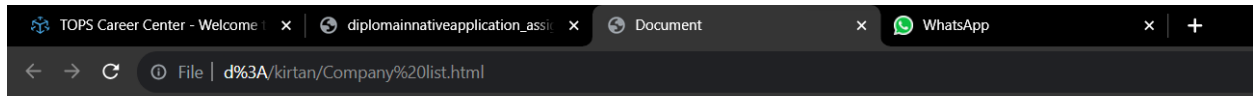
Order List of Top 10 IT Company

1. Microsoft Corporation
2. IBM
3. TATA Consultancy Services Limited (TCS)
4. Apple
5. Amezon
6. Google
7. Infosys
8. HCL Technologies
9. Tech Mahindra
10. Wipro

Unorder List of Top 10 IT Company

- Microsoft Corporation
- IBM
- TATA Consultancy Services Limited (TCS)
- Apple
- Amezon
- Google
- Infosys
- HCL Technologies
- Tech Mahindra
- Wipro

Create a dropdown list.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <form style="background-color: aqua; height: 300px; width: 500px;" >
        <center>
            <br><br><br><br>
        <label>City</label>
        <select>
            <option>Ahmadabad</option>
            <option>Amreli</option>
            <option>Surat</option>
            <option>Surat</option>
            <option>Baroda</option>
            <option>Bhavanagar</option>
            <option>Rajkot</option>
            <option>Gandhinagar</option>
            <option>Bhuj</option>
        </select>
        </center>
    </form>
</body>
</html>
```
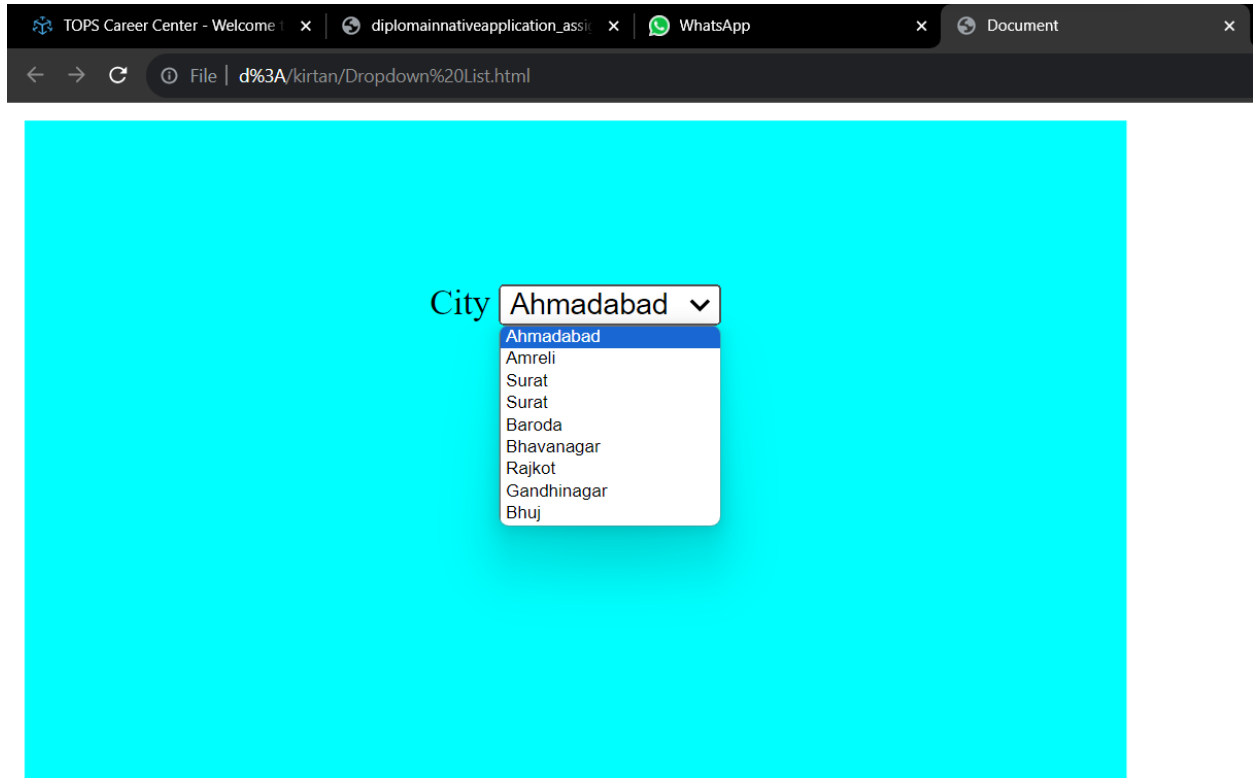
4. Create a Table Of college Management system using row span & col span.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <table border="2">
        <tr>
            <th rowspan="3">DAY</th>
            <th colspan=3>Seminar</th>
        </tr>
        <tr>
            <th colspan="2">Schedule</th>
            <th rowspan="2">Topic</th>
        </tr>
        <tr>
            <th>Begin</th>
            <th>End</th>
        </tr>
        <tr>
            <td rowspan="2"><b>Monday</b></td>
            <td rowspan="2"style="background-color: rgb(232, 248, 160);">8:00
a.m.</td>
            <td rowspan="2"style="background-color: rgb(155, 112, 223);">5:00
p.m.</td>
            <td>Introduction to XML</td>
        </tr>
        <tr>
            <td>Validity: DTD and Relax NG</td>
        </tr>
        <tr>
            <td rowspan="3"><b>Tuesday</b></td>
            <td style="background-color: rgb(232, 248, 160);">8:00 a.m.</td>
            <td style="background-color: rgb(232, 248, 160);">11:00 a.m.</td>
            <td rowspan="2">XPath</td>
        </tr>
        <tr>
            <td style="background-color: rgb(232, 248, 160);">11:00 a.m.</td>
            <td style="background-color: rgb(135, 232, 166);">2:00 a.m.</td>
        </tr>
```

```
        <tr>
            <td style="background-color: rgb(135, 232, 166);">2:00 p.m.</td>
            <td style="background-color: rgb(232, 248, 160) ;">5:00 p.m.</td>
            <td>XSL Transformation</td>
        </tr>
        <tr>
            <td><b>Wednesday</b></td>
            <td style="background-color: rgb(232, 248, 160);">8:00 a.m.></td>
            <td style="background-color: rgb(135, 232, 166);">12:00 p.m.</td>
            <td>XSL Formatting Objects</td>
        </tr>
    </table>
</body>
</html>
```

OUTPUT :

DAY	Seminar		
	Schedule		Topic
	Begin	End	
Monday	8:00 a.m.	5:00 p.m.	Introduction to XML
			Validity: DTD and Relax NG
Tuesday	8:00 a.m.	11:00 a.m.	XPath
	11:00 a.m.	2:00 a.m.	
	2:00 p.m.	5:00 p.m.	XSL Transformation
Wednesday	8:00 a.m.>	12:00 p.m.	XSL Formatting Objects

5. Create below table using HTML table tags.

```
6.  <!DOCTYPE html>
7.  <html lang="en">
8.  <head>
9.      <meta charset="UTF-8">
10.     <meta name="viewport" content="width=device-width, initial-scale=1.0">
11.     <title>Document</title>
12. </head>
13. <body style="color: white;">
14.     <table style="background-color: rgb(39, 236,
    39);"  border="1"  cellspacing="0">
15.
16.         <th style="color: black;"colspan="14">European Roulette</th>
17.         <tr >
18.             <th rowspan="5">0</td>
19.             <th style="background-color: red">3</th>
20.             <th style="background-color: black;">6</th>
21.             <th style="background-color: red">9</th>
22.             <th style="background-color: red">12</th>
23.             <th style="background-color: black;">15</th>
24.             <th style="background-color: red">18</th>
25.             <th style="background-color: red">21</th>
26.             <th style="background-color: black;">24</th>
27.             <th style="background-color: red">27</th>
28.             <th style="background-color: red">30</th>
29.             <th style="background-color: black;">33</th>
30.             <th style="background-color: red">36</th>
31.             <th>2to1</th>
32.         </tr>
33.         <tr>
34.             <th style="background-color: black;">2</th>
35.             <th style="background-color: red">5</th>
36.             <th style="background-color: black;">8</th>
37.             <th style="background-color: black;">11</th>
38.             <th style="background-color: red">14</th>
39.             <th style="background-color: black;">17</th>
40.             <th style="background-color: black;">20</th>
41.             <th style="background-color: red">23</th>
42.             <th style="background-color: black;">26</th>
43.             <th style="background-color: black;">29</th>
44.             <th style="background-color: red">32</th>
45.             <th style="background-color: black;">35</th>
46.             <th>2to1</td>
```

```
47.          </tr>
48.          <tr>
49.              <th style="background-color: red">1</th>
50.              <th style="background-color: black;">4</th>
51.              <th style="background-color: red">7</th>
52.              <th style="background-color: black;">10</th>
53.              <th style="background-color: black;">13</th>
54.              <th style="background-color: red">16</th>
55.              <th style="background-color: red">19</th>
56.              <th style="background-color: black;">22</th>
57.              <th style="background-color: red">25</th>
58.              <th style="background-color: black;">28</th>
59.              <th style="background-color: black;">31</th>
60.              <th style="background-color: red">34</th>
61.              <th>2to1</th>
62.          </tr>
63.          <tr>
64.              <th colspan="4">1st12</th>
65.              <th colspan="4">2nd12</th>
66.              <th colspan="4">3rd12</th>
67.              <th rowspan="2"></th>
68.          </tr>
69.          <tr>
70.              <th colspan="2">1to18</th>
71.              <th colspan="2">EVEN</th>
72.              <th colspan="2" style="background-color: rgb(222, 7, 7);"></th>
73.              <th colspan="2" style="background-color: black;"></th>
74.              <th colspan="2">ODD</th>
75.              <th colspan="2">19to36</th>
76.          </tr>
77.      </table>
78.</body>
79.</html>
```

OUTPUT :
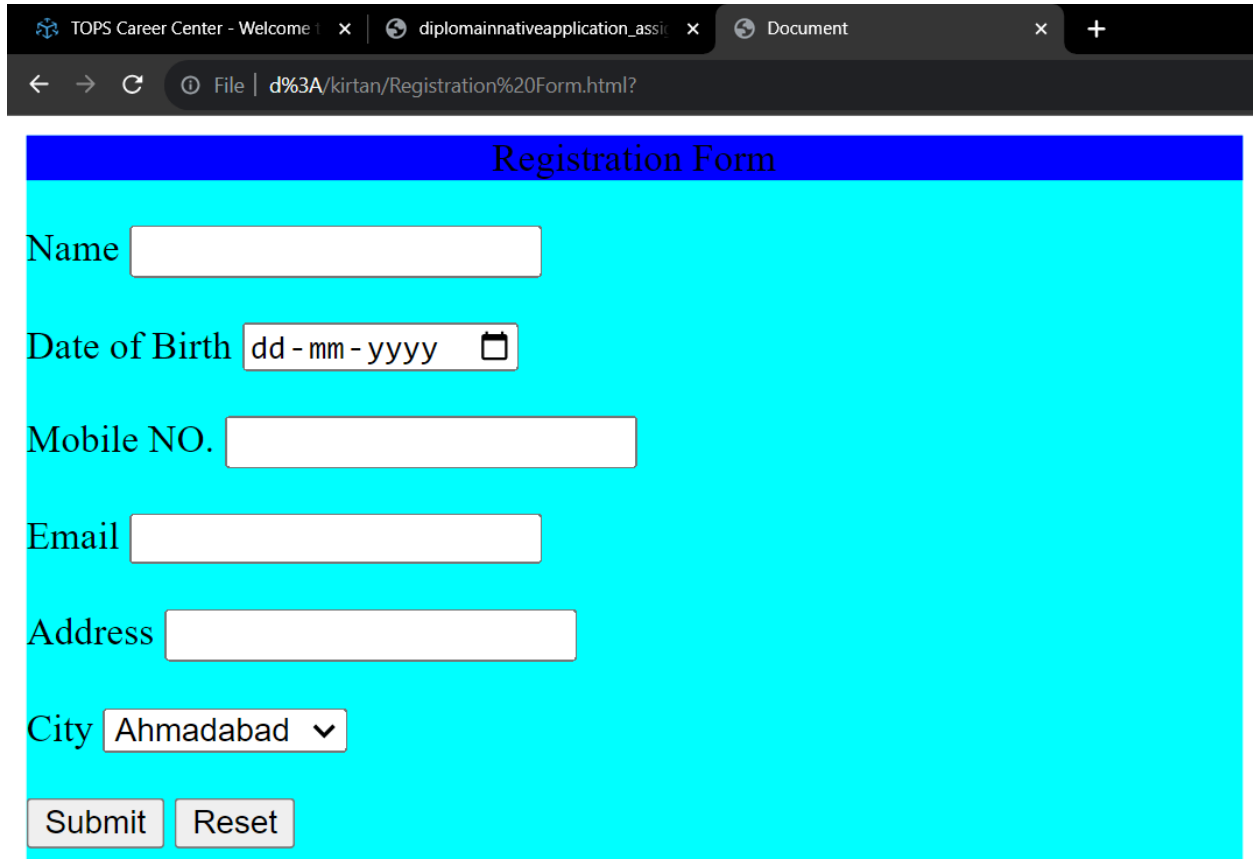
European Roulette												
	3	6	9	12	15	18	21	24	27	30	33	36	2to1
	2	5	8	11	14	17	20	23	26	29	32	35	2to1
0	1	4	7	10	13	16	19	22	25	28	31	34	2to1
	1st12				2nd12				3rd12				
	1to18	EVEN					ODD	19to36				

6. Create Registration form using HTML, CSS

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <form style="background-color: aqua; height: 300px; width: 500px;">
        <center style="background-color: blue;"> Registration
   Form</center><br>
        <label>Name</label>
        <input type="text">
        <br><br>
        <label>Date of Birth</label>
        <input type="date">
        <br><br>
        <label>Mobile NO.</label>
        <input type="number">
        <br><br>
        <label>Email</label>
        <input type="email">
        <br><br>
        <label>Address</label>
        <input type="text">
        <br><br>
        <label>City</label>
        <select>
            <option>Ahmadabad</option>
            <option>Amreli</option>
            <option>Surat</option>
            <option>Surat</option>
            <option>Baroda</option>
            <option>Bhavanagar</option>
            <option>Rajkot</option>
            <option>Gandhinagar</option>
            <option>Bhuj</option>
        </select>
        <br><br>
        <input type="submit">
        <input type="reset">
```

```
49.
50.
51.      </form>
52.</body>
53.</html>
```

OUTPUT :

7. In how many ways can a CSS be integrated as a web page?

CSS can be added to HTML documents in 3 ways:

- Inline - by using the style attribute inside HTML elements.
- Internal - by using a <style> element in the <head> section.
- External - by using a <link> element to link to an external CSS file.

8. Create simple three pages using External CSS, Internal CSS, and Inline CSS.

- Inline CSS :

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h1 style="background-color: blueviolet;">This is my inline CSS
program...</h1>
    <h2 style="color: brown;">This is my inline CSS program...</h2>
    <h3>This is my inline CSS program...</h3>



</body>
</html>
```

OUTPUT :
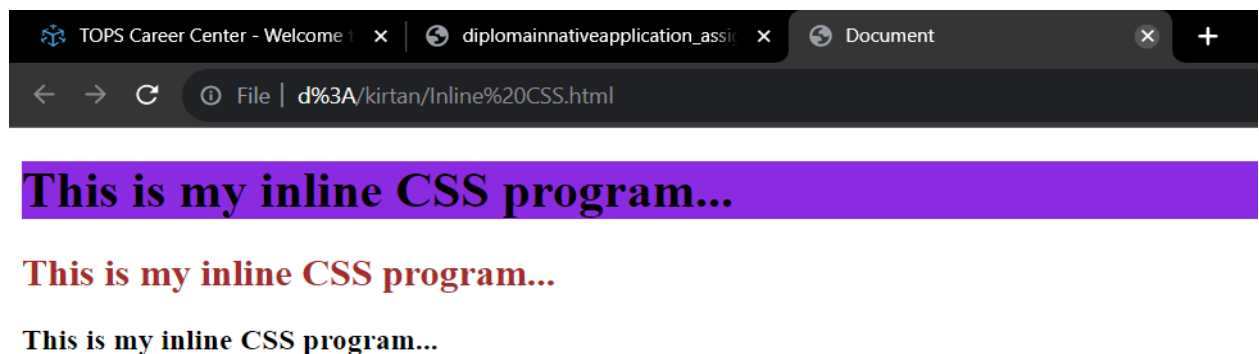
- Internal CSS :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <style>
        body {background-color: powderblue;}
        h1   {color: blue;}
        p     {color: red;}
        </style>
</head>
<body>
    <h1>This is a heading</h1>
    <p>This is a paragraph.</p>
</body>
</html>
```

OUTPUT :
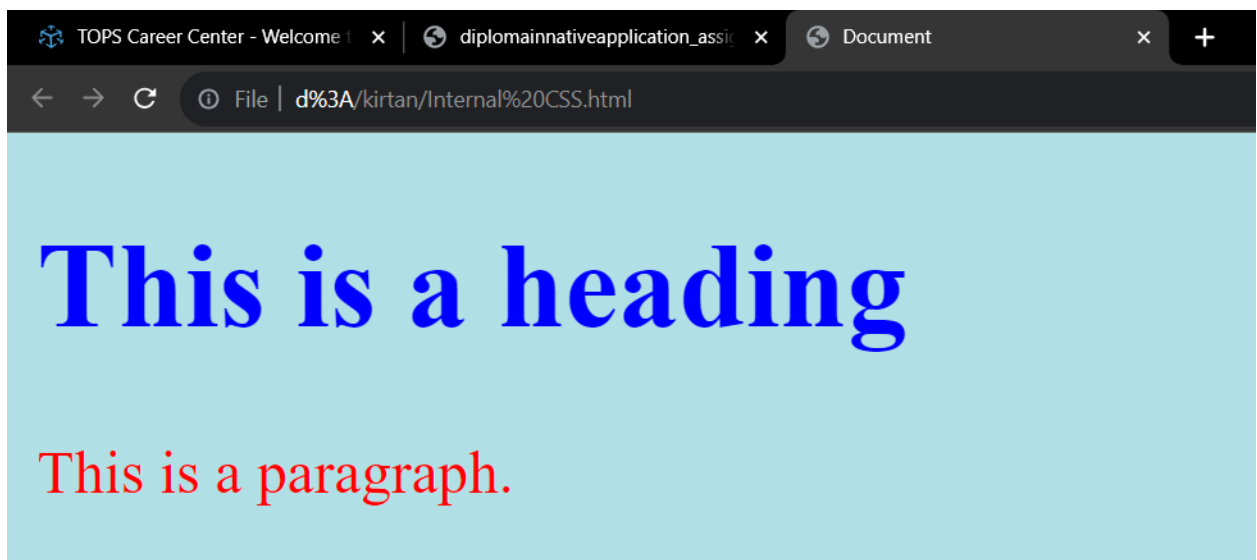
- External CSS :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet" href="mystyle.css">
</head>
<body>
<h1>This is a heading</h1>
<p>This is a paragraph.</p>
</body>
</html>
```

mystyle.css

```
body {
    background-color: lightblue;
  }

  h1 {
    color: navy;
    margin-left: 20px;
  }
```

OUTPUT :
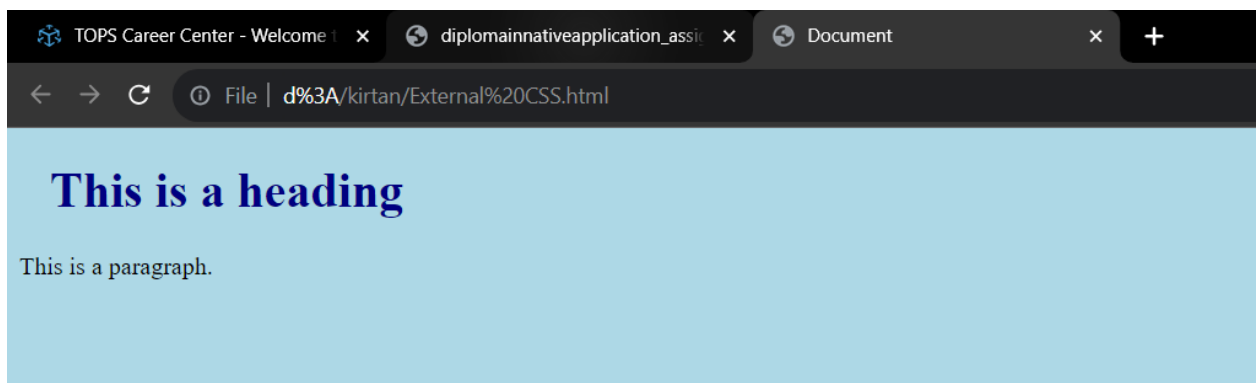
9. Create below page using HTML CSS

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body style="height: 800px; width: 800px;">
    <h2 style="background-color: rgb(80, 80, 219); color: red;">
        <center>
            Individual Registration
        </center></h2>
    <form style="background-color: aqua;">
        <h4 style="color: red;">User Particulars</h4>
        <center>
        <sup style="color: red;">&#8727;</sup><label>Login ID</label>
        <input type="text">
        <br>
        <sup style="color: red;">&#8727;</sup><label>Password</label>
        <input type="password">
        <br>
        <sup style="color: red;">&#8727;</sup><label>Confirm
  Password</label>
        <input type="password">
        </center>
        <br>
        <h4 style="color: red;">Personal Particulars</h4>
        <sup style="color: red;">&#8727;</sup><label>Salutation</label>
        <select name="Salutation">
            <option>Mr.</option>
            <option>Ms.</option>
            <option>Mrs.</option>
        </select>
                
                
                
                
                
                
        <sup style="color: red;">&#8727;</sup><label>First Name</label>
        <input type="text">
        <br>
        <sup style="color: red;">&#8727;</sup><label>Middle Name</label>
```

```html
52.          <input type="text">
53.                  
54.                  
55.          <sup style="color: red;">&#8727;</sup><label>Last Name</label>
56.          <input type="text">
57.          <br>
58.          <sup style="color: red;">&#8727;</sup><label>Resindent
    Status</label>
59.
60.          <select>
61.              <option>Ahmadabad</option>
62.              <option>Surat</option>
63.              <option>Vadodara</option>
64.          </select>
65.                  
66.                  
67.                  
68.              
69.          <sup style="color: red;">&#8727;</sup><label>Country</label>
70.
71.          <select>
72.              <option>Bharat</option>
73.              <option>Russia</option>
74.              <option>Nepal</option>
75.          </select>
76.                  
77.                  
78.                  
79.                  
80.          <br>
81.          <sup style="color: red;">&#8727;</sup><label>Email</label>
82.          <input type="email">
83.                  
84.                   
85.                     
86.          <sup style="color: red;">&#8727;</sup><label>Mobile No.</label>
87.          <input type="tel">
88.          <br>
89.          <h4 style="color: red;">Account Particulars</h4>
90.          <sup style="color: red;">&#8727;</sup><label>15 digit Account
    No.</label>
91.          <input type="tel">
92.                
93.
94.          <sup style="color: red;">&#8727;</sup><label>Nickname</label>
```

```html
95.        <input type="text">
96.        <br>
97.        <sup style="color: red;">&#8727;</sup><label>Fund Transfer</label>
98.        <select>
99.            <option>1000</option>
100.                <option>2000</option>
101.                <option>5000</option>
102.                <option>10000</option>
103.                <option>20000</option>
104.        </select>
105.
106.            <h4 style="color: red;">DECLARATION</h4>
107.            <p>I have read,understood and hereby agree to the Terms and
    Condition in respect of all products and channel.  </p>
108.            <p>I understand that any changes in the terms and condition
    applicable to this relationship would be made available to me on respect
    at any IOB branches.I confirm that all accounts under this login name are
    oparated singty and in case of joint account oparated by either or
    survivor/anyone or survivor(s)under his/her joint name respectivly. I do
    hereby declare that information furnished in this form is true to the best
    of my knowledeand belief.</p>
109.            <br>
110.                
111.                
112.                
113.                
114.                
115.                
116.        <center>
117.            <button>SUBMIT</button>
118.              
119.            <button>RESET</button>
120.        </center>
121.
122.    </form>
123.  </body>
124.  </html>
```

OUTPUT :

Individual Registration

User Particulars

*Login ID

*Password

*Confirm Password

Personal Particulars

*Salutation [Mr. ▾]   *First Name

*Middle Name   *Last Name

*Resindent Status [Ahmadabad ▾]   *Country [Bharat ▾]

*Email   *Mobile No.

Account Particulars

*15 digit Account No.   *Nickname

*Fund Transfer [1000 ▾]

DECLARATION

I have read,understood and hereby agree to the Terms and Condition in respect of all products and channel.

I understand that any changes in the terms and condition applicable to this relationship would be made available to me on respect at any IOB branches.I confirm that all accounts under this login name are oparated singty and in case of joint account oparated by either or survivor/anyone or survivor(s)under his/her joint name respectivly. I do hereby declare that information furnished in this form is true to the best of my knowledeand belief.

[SUBMIT]   [RESET]