

MODULE:2- SE-HTML and CSS

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

Ans.

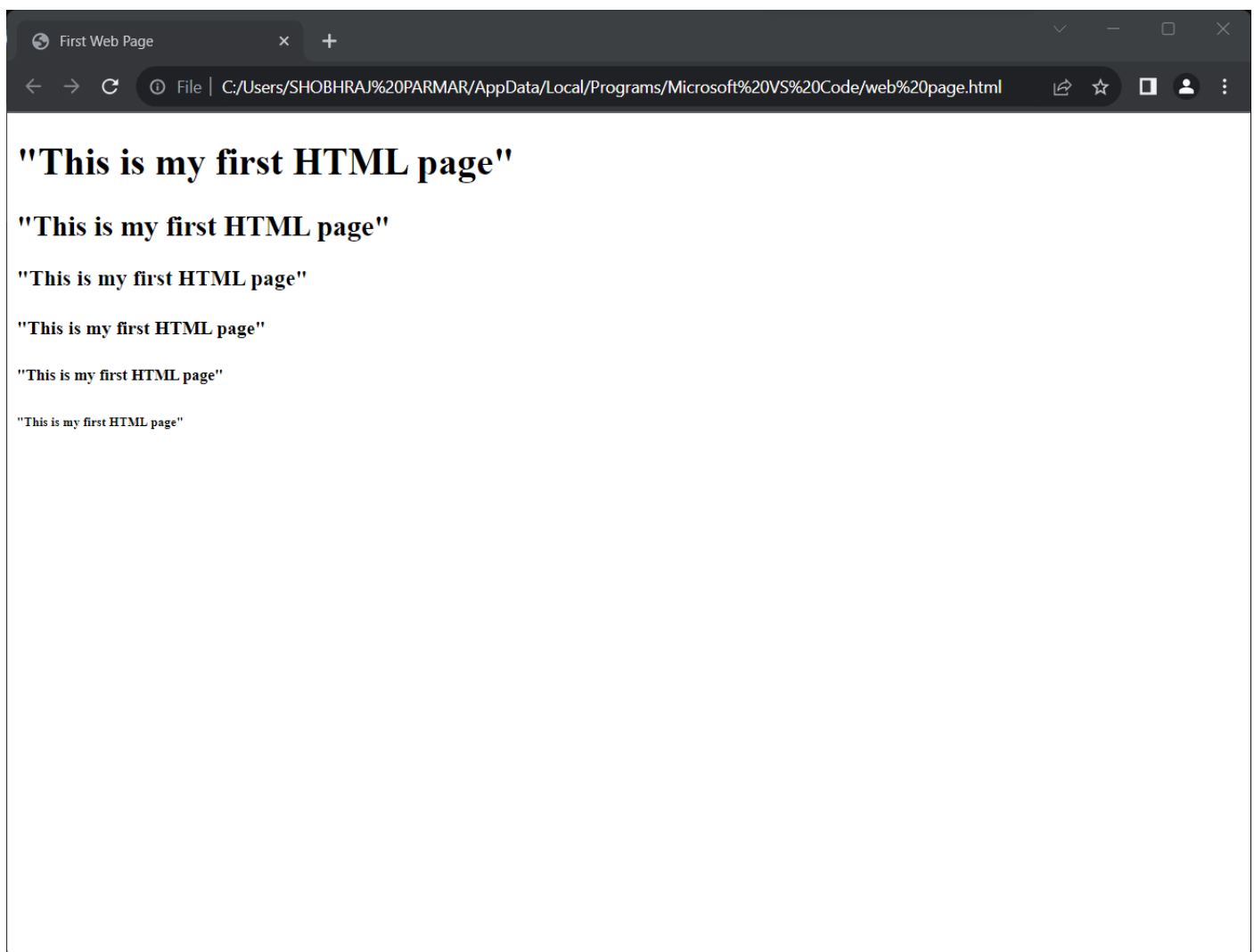
1. Website: A Website is a collection of many web page, and web page are digital files that are written using HTML.
2. Webpage: A webpage is a document that is written in the HTML, It can be viewed from the Internet. It can be accessed by entering the URL on the address bar of the web browser.
3. Web browser: Web Browser is an application software to interact With the world wide web. It acts as a user Interface to browse films online. It is basically a client program to render HTML on the client Side by making HTML requests. It supports various internet protocols to fetch files and email from the internet. Let us learn more about the world of web Browser.
4. Web server: Web server is a program which processes the network requests of the user and serves them with files that create web page. This exchange takes place using Hypertext Transfer Protocol (HTTP).
5. HTML: HTML Stands for Hypertext Markup Language. HTML is the language used to create web pages. "Hypertext" refers to the Hyperlinks that an HTML page may contain.
6. CSS: Cascading Style Sheet (css) is used to set the style in web pages that contain HTML elements. It sets the background color, font-size, font-family,color,.....etc. properties of elements on a web page.

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

Ans.

```
<!DOCTYPE html>
<html>
<head>
  <meta charset='utf-8'>
  <meta http-equiv='X-UA-Compatible' content='IE=edge'>
  <title>First Web Page</title>
  <meta name='viewport' content='width=device-width, initial-scale=1'>
  <link rel='stylesheet' type='text/css' media='screen' href='main.css'>
```

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

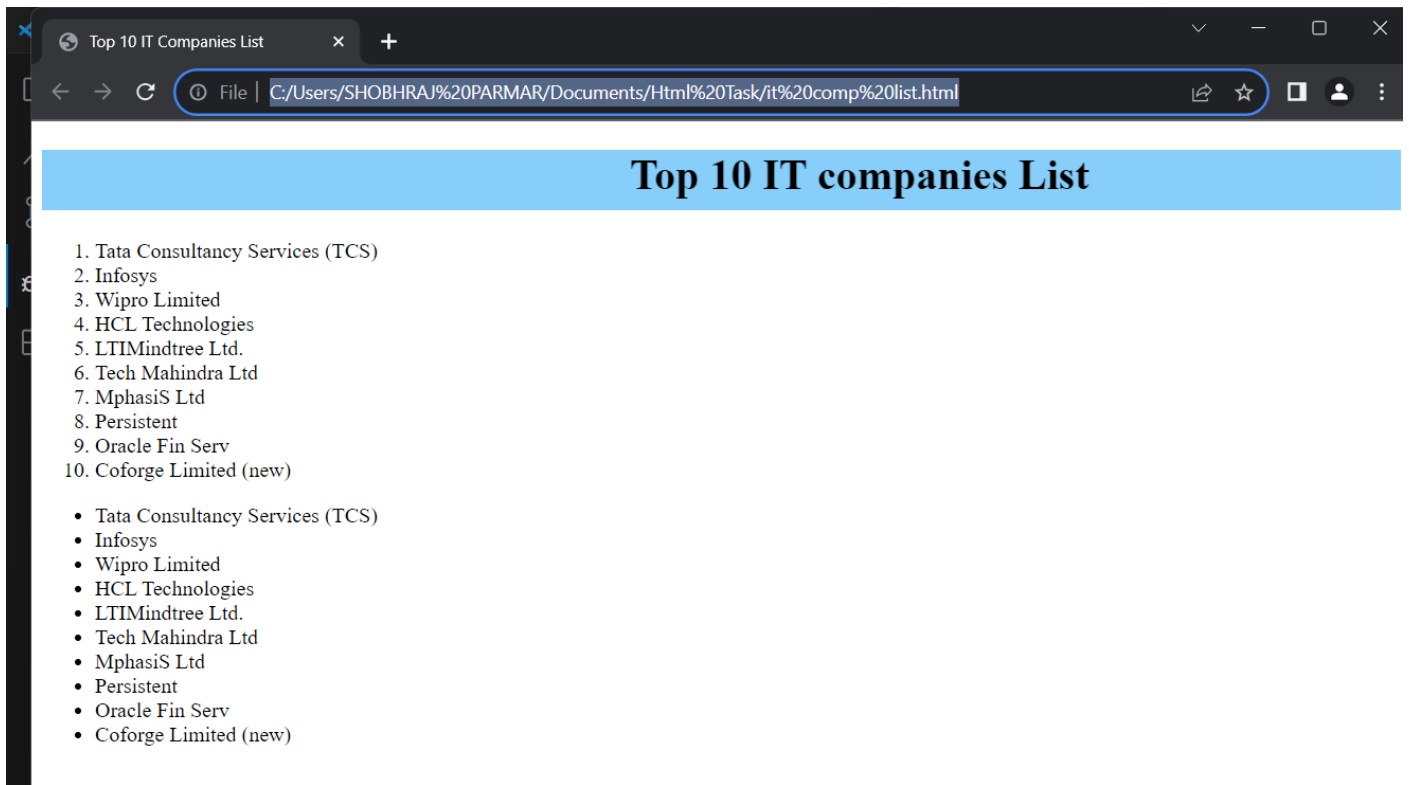


3. Display top 10 IT companies list in html webpage

Ans.

```
<!DOCTYPE html>
<html>
<head>
  <meta charset='utf-8'>
```

```
<meta http-equiv='X-UA-Compatible' content='IE=edge'>
<title>Top 10 IT Companies List</title>
<meta name='viewport' content='width=device-width, initial-scale=1'>
<link rel='stylesheet' type='text/css' media='screen' href='main.css'>
</head>
<body>
  <center>
    <h1 style="background-color: lightskyblue; color: black;">
      <marquee behavior="" direction="">Top 10 IT companies List</marquee>
    </h1>
  </center>
  <ol>
    <li>Tata Consultancy Services (TCS)</li>
    <li>Infosys</li>
    <li>Wipro Limited</li>
    <li>HCL Technologies</li>
    <li>LTIMindtree Ltd.</li>
    <li>Tech Mahindra Ltd</li>
    <li>MphasiS Ltd</li>
    <li>Persistent</li>
    <li>Oracle Fin Serv</li>
    <li>Coforge Limited (new)</li>
  </ol>
  <ul>
    <li>Tata Consultancy Services (TCS)</li>
    <li>Infosys</li>
    <li>Wipro Limited</li>
    <li>HCL Technologies</li>
    <li>LTIMindtree Ltd.</li>
    <li>Tech Mahindra Ltd</li>
    <li>MphasiS Ltd</li>
    <li>Persistent</li>
    <li>Oracle Fin Serv</li>
    <li>Coforge Limited (new)</li>
  </ul>
</body>
</html>
```

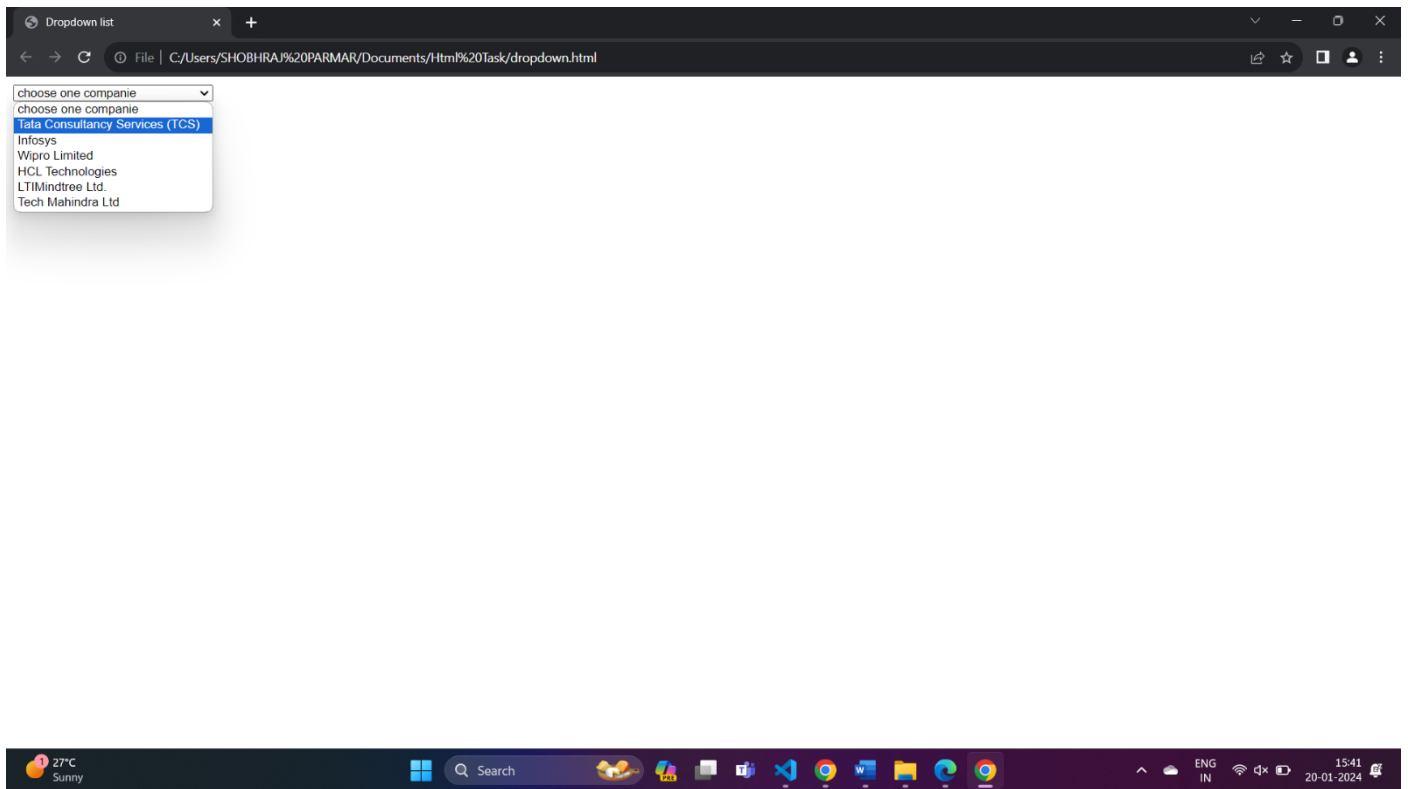


4. Create a dropdown list

Ans.

```
<!DOCTYPE html>
<html>
<head>
  <meta charset='utf-8'>
  <meta http-equiv='X-UA-Compatible' content='IE=edge'>
  <title>Dropdown list</title>
  <meta name='viewport' content='width=device-width, initial-scale=1'>
  <link rel='stylesheet' type='text/css' media='screen' href='main.css'>
</head>
<body>

  <select>
    <option value=''>choose one companie</option>
    <option value=''>Tata Consultancy Services (TCS)</option>
    <option value=''>Infosys</option>
    <option value=''>Wipro Limited</option>
    <option value=''>HCL Technologies</option>
    <option value=''>LTIMindtree Ltd.</option>
    <option value=''>Tech Mahindra Ltd</option>
  </select>
</body>
</html>
```



5. Create a Table Of college Management system using row span & cols pan.

Ans.

```
<!DOCTYPE html>
<html>
<head>
  <meta charset='utf-8'>
  <meta http-equiv='X-UA-Compatible' content='IE=edge'>
  <title>Table Of college Management system</title>
  <meta name='viewport' content='width=device-width, initial-scale=1'>
  <link rel='stylesheet' type='text/css' media='screen' href='main.css'>
</head>
<body>
  <center>
    <h1>Table Of college Management system</h1>
    <table border="2" cellpadding="10">
      <tr style="background-color: silver;">
        <th>Sr.no</th>
        <th>Student Name</th>
        <th>Enrollment No</th>
        <th>Course Name</th>
        <th>Age</th>
        <th colspan="2">Phone number</th>
      </tr>
      <tr>
        <th>1</th>
        <th>Parmar Shobhraj</th>
```

```

        <th>206400307178</th>
        <th>Computer Engee</th>
        <th>19</th>
        <th>8160813456</th>
        <th>9160913486</th>
    </tr>
    <tr>
        <th>2</th>
        <th>Mistri Kishan</th>
        <th>206400307191</th>
        <th>Mechanical Engineering</th>
        <th>20</th>
        <th>9160813466</th>
    </tr>
    <tr>
        <th>3</th>
        <th>Patel Sujal</th>
        <th>206400307198</th>
        <th>Electrical Engineering</th>
        <th>21</th>
        <th>6160513456</th>
    </tr>
    <tr>
        <th>4</th>
        <th>Chavda Harsh</th>
        <th>206400307201</th>
        <th rowspan="2">IT Engineering</th>
        <th>19</th>
        <th>7160713456</th>
    </tr>
    <tr>
        <th>5</th>
        <th>Chauhan Vijay</th>
        <th>206400307210</th>
        <th>22</th>
        <th>7160813950</th>
    </tr>
</table>
</center>
</body>
</html>

```

Table Of college Management system

| Sr.no | Student Name | Enrollment No | Course Name | Age | Phone number | |
|-------|-----------------|---------------|------------------------|-----|--------------|------------|
| 1 | Parmar Shobhraj | 206400307178 | Computer Engnee | 19 | 8160813456 | 9160913486 |
| 2 | Mistri Kishan | 206400307191 | Mechanical Engineering | 20 | 9160813466 | |
| 3 | Patel Sujal | 206400307198 | Electrical Engineering | 21 | 6160513456 | |
| 4 | Chavda Harsh | 206400307201 | IT Engineering | 19 | 7160713456 | |
| 5 | Chauhan Vijay | 206400307210 | | 22 | 7160813950 | |

6. Create below table using HTML table tags

Ans.

```
<!DOCTYPE html>
<html>
<head>
  <meta charset='utf-8'>
  <meta http-equiv='X-UA-Compatible' content='IE=edge'>
  <title>Table Tag</title>
  <meta name='viewport' content='width=device-width, initial-scale=1'>
  <link rel='stylesheet' type='text/css' media='screen' href='main.css'>
  <script src='main.js'></script>
</head>
<body style="background-color: green;">
  <center>
    <h1>European Roulette</h1>
    <table border="2" cellspacing="0" cellpadding="10" style="border-color: white; color: white;">
      <tr>
        <td rowspan="5">0</td>
        <td style="background-color: red;">3</td>
        <td style="background-color: black;">6</td>
        <td style="background-color: red;">9</td>
        <td style="background-color: red;">12</td>
        <td style="background-color: black;">15</td>
        <td style="background-color: red;">18</td>
        <td style="background-color: red;">21</td>
        <td style="background-color: black;">24</td>
```

```

<td style="background-color: red;">27</td>
<td style="background-color: red;">30</td>
<td style="background-color: black;">33</td>
<td style="background-color: red;">36</td>
<td colspan="2">2to1</td>
</tr>
<tr>
<td style="background-color: black;">2</td>
<td style="background-color: red;">5</td>
<td style="background-color: black;">8</td>
<td style="background-color: black;">11</td>
<td style="background-color: red;">14</td>
<td style="background-color: black;">17</td>
<td style="background-color: black;">20</td>
<td style="background-color: red;">23</td>
<td style="background-color: black;">26</td>
<td style="background-color: black;">29</td>
<td style="background-color: red;">32</td>
<td style="background-color: black;">35</td>
<td>2to1</td>
</tr>
<tr>
<td style="background-color: red;">1</td>
<td style="background-color: black;">4</td>
<td style="background-color: red;">7</td>
<td style="background-color: black;">10</td>
<td style="background-color: black;">13</td>
<td style="background-color: red;">16</td>
<td style="background-color: red;">19</td>
<td style="background-color: black;">22</td>
<td style="background-color: red;">25</td>
<td style="background-color: black;">28</td>
<td style="background-color: black;">31</td>
<td style="background-color: red;">34</td>
<td>2to1</td>
</tr>
<tr>
<td colspan="4">1st12</td>
<td colspan="4">2nd12</td>
<td colspan="4">3rd12</td>
<td colspan="2" rowspan="2"></td>
</tr>
<tr>
<td colspan="2">1to18</td>
<td colspan="2">EVEN</td>
<td colspan="2" style="background-color: red;"></td>
<td colspan="2" style="background-color: black;"></td>

```



```

        <td colspan="2">OOD</td>
        <td colspan="2">19to36</td>
    </tr>
</table>
</center>
</body>
</html>

```



7. Create Registration form using HTML, CSS

Ans.

```

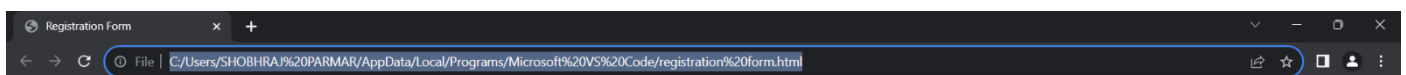
<!DOCTYPE html>
<html>
<head>
    <style>
        input {
            width: 50%;
        }
    </style>
    <meta charset='utf-8'>
    <meta http-equiv='X-UA-Compatible' content='IE=edge'>
    <title>Registration Form</title>
    <meta name='viewport' content='width=device-width, initial-scale=1'>
    <link rel='stylesheet' type='text/css' media='screen' href='main.css'>
</head>
<body>
    <center>

```

```

<h1>Registration Form</h1>
</center>
<form>
  <label for="fname">First Name:</label>
  <input type="text" id="fname" name="fname"><br>
  <br>
  <label for="lname">Last Name:</label>
  <input type="text" id="lname" name="lname"><br>
  <br>
  <label for="E-mail">E-mail Address:</label>
  <input type="text" id="E-mail Id"><br>
  <br>
  <label for="Phone number">Phone number:</label>
  <input type="text"><br>
  <br>
  <label for="Birthdate">Birthdate:</label>
  <input type="text"><br>
  <br>
  <input type="radio" id="Male" value="Male" style="width: 10%;">
  <label for="Male">Male</label>
  <input type="radio" id="Female" value="Female" style="width: 10%;">
  <label for="Female">Female</label><br>
  <br>
  <input type="submit" value="Submit" style="width: 10%;">
</form>
</body>
</html>

```



Registration Form

First Name:

Last Name:

E-mail Address:

Phone number:

Birthdate:

☐ Male
 ☐ Female

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

Ans. There are three ways to include html web page.

1. Inline Style
2. Internal Style
3. External Style Sheet

1. Inline Style:

- Inline styles that are written directly in the tag on the document. Inline styles affect only the tag they are applied to.

- Syntax:

```
<tag style=" property1:value; property2:value;"></tag>
```

2. Internal Style:

- When using internal css, you must add a new tag, <style>, inside the <head> tag. Embedded styles affect only the tags on the page they are embedded in.

- Syntax:

```
<style type="text/css">
```

```
    Selector {property: value;}
```

```
    Selector {property: value;}
```

```
    .....
```

```
</style>
```

3. External style sheet:

- External styles are styles that are written in a separate document and then attached to various Web documents. External style sheets can affect any document they are attached to.
- External CSS file that contains only CSS code and is saved with a ".css" file extension. This file is used in you HTML document using the <link> tag instead of <style>.