

Assignment -4

Module -2(HTML)

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

- **Website:**

A website is a collection of interconnected web pages and other multimedia content that is accessible over the internet. It is typically organized under a single domain name and is designed to provide information, services, or entertainment to users.

- **Webpage:**

A webpage is a single document or file within a website. It is a displayable, interactive document that can contain text, images, multimedia elements, and hyperlinks. Webpages are the building blocks of a website and are designed to be viewed in web browsers.

- **Web Browser:**

A web browser is a software application used to access and view web content on the internet. It interprets and renders HTML documents, enabling users to navigate between webpages, interact with web-based applications, and access various online resources.

- **Web Server:**

A web server is a computer or software application responsible for storing, processing, and delivering web content to users' web browsers. When a user requests a webpage, the web server processes the request and sends the appropriate files, such as HTML, CSS, and images, to the user's browser.

- **HTML (Hypertext Markup Language):**

HTML is a markup language used to create the structure and content of webpages. It consists of a set of tags and elements that define the layout, text, images, links, and other elements on a webpage. Web browsers use HTML to render and display web content as webpages.

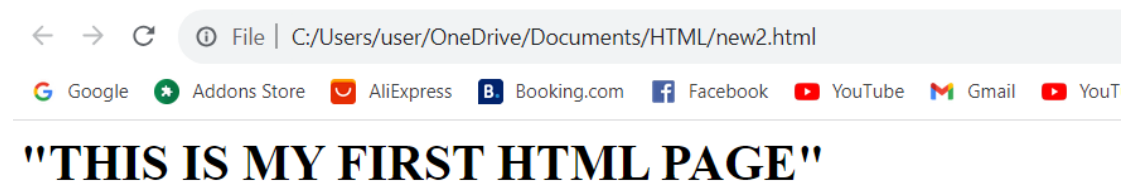
- **CSS (Cascading Style Sheets):**

CSS is a stylesheet language used to define the presentation and layout of web content created with HTML. It allows web developers to control the appearance of web elements, such as fonts, colors, spacing, and positioning, making it easier to create visually appealing and consistent web designs.

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

```
<html>
  <head>
    <title>
      DOCUMNET
    </title>
  </head>
  <BODY>
    <H1>"THIS IS MY FIRST HTML PAGE"</H1>
  </BODY>
</html>
```

Output:



3 .Display top 10 IT companies list in html webpage

```
<html>
  <head>
    <title>TOP 10 IT COMPANIES</title>
  </Head>
  <body>
    <h1>TOP 10 IT COMPANIES</h1>
    <ol>
      <li>Apple Inc.</li>
      <li>Microsoft Corporation</li>
      <li>Amazon.com Inc.</li>
      <li>Alphabet Inc. (Google)</li>
      <li>Facebook, Inc.</li>
      <li>IBM (International Business Machines Corporation)</li>
      <li>Intel Corporation</li>
      <li>Oracle Corporation</li>
      <li>Samsung Electronics Co., Ltd.</li>
      <li>Taiwan Semiconductor Manufacturing Co., Ltd. (TSMC)</li>
    </ol>
  </body>
</html>
```

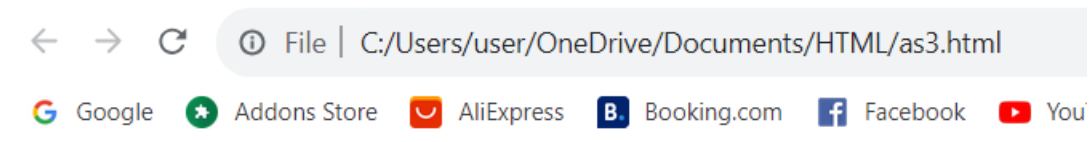
Output:



4. Create a dropdown list

```
<html>
<head>
  <title>DROP DOWN LIST</title>
</head>
<BODY>
  <H1>select fruit :</H1>
  <select>
    <option value="apple">Apple</option>
    <option value="banana">Banana</option>
    <option value="cherry">Cherry</option>
    <option value="grape">Grape</option>
    <option value="orange">Orange</option>
  </select>
</BODY>
</html>
```

Output:



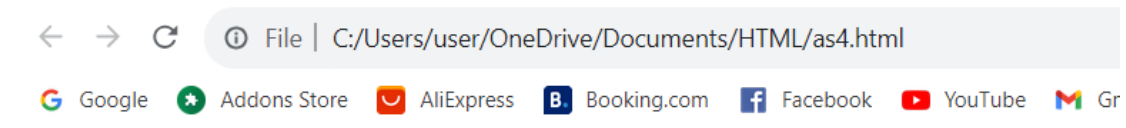
select fruit :

Banana ▼
Apple
Banana
Cherry
Grape
Orange

6. Create a Table Of college Management system using row span & col span.

```
<!DOCTYPE html>
<html>
<head>
  <title>College Management System</title>
</head>
<body>
  <h1>College Management System</h1>
  <table border="1">
    <tr>
      <th>Department</th>
      <th colspan="2">Courses</th>
      <th>Students</th>
    </tr>
    <tr>
      <td rowspan="3">Computer Science</td>
      <td>Computer Programming</td>
      <td>Database Management</td>
      <td>120</td>
    </tr>
    <tr>
      <td>Web Development</td>
      <td>Network Security</td>
      <td>90</td>
    </tr>
    <tr>
      <td>Software Engineering</td>
      <td colspan="2">150</td>
    </tr>
    <tr>
      <td rowspan="2">Electrical Engineering</td>
      <td>Electronics</td>
      <td>Power Systems</td>
      <td>100</td>
    </tr>
    <tr>
      <td>Control Systems</td>
      <td colspan="2">80</td>
    </tr>
  </table>
</body>
</html>
```

Output:



College Management System

Department	Courses		Students
Computer Science	Computer Programming	Database Management	120
	Web Development	Network Security	90
	Software Engineering	150	
Electrical Engineering	Electronics	Power Systems	100
	Control Systems	80	

6.1 CSS

```
<!DOCTYPE html>
<html>
<head>
  <title>Registration Form</title>
  <link rel="stylesheet" type="text/css" href="h1.css">
</head>
<body>
  <div class="container">
    <form action="registration_process.php" method="post">
      <h1>Registration</h1>
      <label for="username">Username</label>
      <input type="text" id="username" name="username" required>

      <label for="email">Email</label>
      <input type="email" id="email" name="email" required>

      <label for="password">Password</label>
      <input type="password" id="password" name="password" required>

      <label for="confirm-password">Confirm Password</label>
      <input type="password" id="confirm-password" name="confirm-password" required>

      <button type="submit">Register</button>
    </form>
  </div>
</body>
</html>

body {
  font-family: Arial, sans-serif;
  background-color: #f2f2f2;
```

```
    margin: 0;
    padding: 0;
}

.container {
    background-color: #fff;
    margin: 100px auto;
    max-width: 400px;
    padding: 20px;
    border: 1px solid #ccc;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
```

```
form {
    display: flex;
    flex-direction: column;
}
```

```
h1 {
    text-align: center;
    margin: 0 0 20px;
}
```

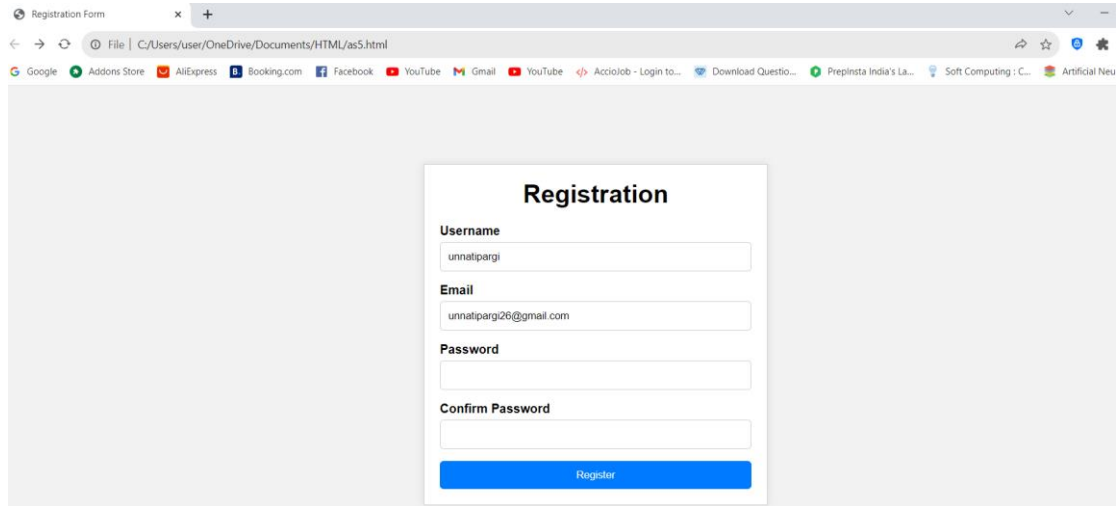
```
label {
    font-weight: bold;
}
```

```
input {
    margin: 5px 0 15px;
    padding: 10px;
    border: 1px solid #ccc;
    border-radius: 5px;
}
```

```
button {
    background-color: #007BFF;
    color: #fff;
    border: none;
    padding: 10px;
    border-radius: 5px;
    cursor: pointer;
}
```

```
button:hover {
    background-color: #0056b3;
}
```

Output:



The screenshot shows a web browser window with a single tab titled "Registration Form". The address bar displays the file path "File | C:/Users/user/OneDrive/Documents/HTML/as5.html". The browser's toolbar includes navigation buttons (back, forward, refresh) and icons for search, star, and settings. A bookmarks bar is visible below the address bar, containing links to Google, Addons Store, AliExpress, Booking.com, Facebook, YouTube, Gmail, and several other sites. The main content area of the browser is a light gray background. Centered on this background is a white registration form with a blue border and a subtle drop shadow. The form is titled "Registration" in bold black text. It contains four input fields: "Username" with the value "unnatipargi", "Email" with the value "unnatipargi26@gmail.com", "Password", and "Confirm Password". At the bottom of the form is a blue button with the text "Register" in white.

Registration Form

File | C:/Users/user/OneDrive/Documents/HTML/as5.html

Google Addons Store AliExpress Booking.com Facebook YouTube Gmail YouTube </> Acciolob - Login to... Download Questio... Prepinsta India's La... Soft Computing : C... Artificial Neu

Registration

Username
unnatipargi

Email
unnatipargi26@gmail.com

Password

Confirm Password

Register