HTML

HTML Introduction

- HTML stands for Hypertext Markup Language.
- Used to design web pages using a markup language.
- Combination of Hypertext and Markup language.

HTML

Basic Web Page

```html
1  <html>
2  <head>
3      <title>Page Title</title>
4  </head>
5  <body>
6      <h1>This is a Heading</h1>
7      <p>This is a paragraph.</p>
8  </body>
9  </html>
```

HTML

Text Formatting

```
1    <p>This is <b>bold text</b>.</p>
2    <p>This is <strong>strongly important text</strong>.</p>
3    <p>This is <i>italic text</i>.</p>
4    <p>This is <em>emphasized text</em>.</p>
5    <p>This is <mark>highlighted text</mark>.</p>
6    <p>This is <code>computer code</code>.</p>
7    <p>This is <small>smaller text</small>.</p>
8    <p>This is <sub>subscript</sub> and <sup>superscript</sup> text.</p>
9    <p>This is <del>deleted text</del>.</p>
10   <p>This is <ins>inserted text</ins>.</p>
```

HTML

Headings

p3.html

```
1  <h1>Heading 1</h1>
2  <h2>Heading 2</h2>
3  <h3>Heading 3</h3>
4  <h4>Heading 4</h4>
5  <h5>Heading 5</h5>
6  <h6>Heading 6</h6>
```

HTML

Tables

```
p4.html

1    <table>
2        <tr>
3            <th>Company</th>
4            <th>Contact</th>
5            <th>Country</th>
6        </tr>
7        <tr>
8            <td>Alfreds Futterkiste</td>
9            <td>Maria Anders</td>
10           <td>Germany</td>
11       </tr>
12       <tr>
13           <td>Centro comercial Moctezuma</td>
14           <td>Francisco Chang</td>
15           <td>Mexico</td>
16       </tr>
17   </table>
```

HTML

Unordered Ordered List

```html
<ul>
        <li>Coffee</li>
        <li>Tea</li>
        <li>Milk</li>
</ul>

<ol>
        <li>Coffee</li>
        <li>Tea</li>
        <li>Milk</li>
</ol>
```

p5.html

HTML

Form Elements

```
p6.html
1    <form >
2        <label>First name:</label><br>
3        <input type="text" id="fname" name="fname" value="John"><br>
4
5        <label>Last name:</label><br>
6        <input type="text" id="lname" name="lname" value="Doe"><br><br>
7
8        <label>Choose a car:</label>
9        <select id="cars" name="cars">
10         <option value="volvo">Volvo</option>
11         <option value="audi">Audi</option>
12       </select> <br>
13
14       <textarea name="message" rows="10" cols="30">
15           The cat was playing in the garden.
16       </textarea><br>
17
18       <input type="radio" id="html" name="fav_language" value="HTML">
19       <label>HTML</label><br>
20
21       <input type="radio" id="css" name="fav_language" value="CSS">
22       <label>CSS</label><br>
23
24       <input type="checkbox" id="vehicle1" name="vehicle1" value="Bike">
25       <label> I have a bike</label><br>
26
27       <input type="checkbox" id="vehicle2" name="vehicle2" value="Car">
28       <label> I have a car</label><br>
29
30
31       <input type="submit" value="Submit">
32   </form>
```

HTML

Images

```html
<img src="img_url_here" alt="google" width="128" height="128">
<img src="img_url_here" alt="google" style="width:128px;height:128px;">
```

HTML

Video

```
p8.html

1   <video width="400" controls>
2       <source src="mov_bbb.mp4" type="video/mp4">
3       <source src="mov_bbb.ogg" type="video/ogg">
4       Your browser does not support HTML video.
5   </video>
```

HTML

Audio

```
p9.html

1   <audio controls>
2       <source src="horse.ogg" type="audio/ogg">
3       <source src="horse.mp3" type="audio/mpeg">
4   </audio>
```

HTML

YouTube Videos

```html
1  <iframe
2      width="420"
3      height="345"
4      src="https://www.youtube.com/embed/tgbNymZ7vqY">
5  </iframe>
```

HTML

Meta Tags

```html
<meta charset="utf-8" />
<link rel="icon" href="/logo192.png" />
<meta name="viewport" content="width=device-width,initial-scale=1" />
<meta name="description" content="">
<meta name="keywords" content="">
<meta name="author" content="Rabbil Hasan">
<meta property="og:site_name" content="Learn With Rabbil">
<meta property="og:url" content="https://rabbil.com" />
<meta property="og:title" content="Learn Confidently with Rabbil Hasan" />
<meta property="og:description" content="" />
<meta property="og:image" content="/indexseo.png" />
<link rel="manifest" href="/manifest.json" />
<title>Learn Confidently</title>
```

p11.html

HTML

Meta Tags For No Cache

```html
p12.html
1  <meta http-equiv="cache-control" content="max-age=0" />
2  <meta http-equiv="cache-control" content="no-cache" />
3  <meta http-equiv="expires" content="0" />
4  <meta http-equiv="expires" content="Tue, 01 Jan 1980 1:00:00 GMT" />
5  <meta http-equiv="pragma" content="no-cache" />
6
```

HTML

Time, Mark

```
● ● ●      p13.html

1
2    <p>Written by Doctor Who on <time datetime="2052-11-21">Thursday 21st November 2052</time>.</p>
3    <mark>RABBIL HASAN</mark>
4
```

HTML

Datalist Autocomplete suggestion

```html

<input name="country" list="country_name">
<datalist id="country_name">
    <option value="Afghanistan">
    <option value="Albania">
    <option value="Algeria">
    <option value="Andorra">
    <option value="Armenia">
    <option value="Australia">
    <option value="Austria">
    <option value="Azerbaijan">
    <!-- etc. -->
</datalist>
```

HTML

Emojis

```html
<p style="font-size:48px">
        &#128507;
        &#128508;
        &#128509;
        &#128510;
        &#128511;
        &#128512;
        &#128513;
        &#128514;
        &#128515;
        &#128516;
        &#128517;
</p>
```