



HTML5



 index.html

```
<!-- Basic Structure -->
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <title>My Page</title>
  </head>
  <body>
    <!-- Content Tags -->
    <h1>Welcome, Samir!</h1>
    <p>Building with HTML5.</p>
    <a href="#">Click Me</a>
    
  </body>
</html>
```



DOCUMENT STRUCTURE

DOCTYPE, html, head, body



TEXT FORMATTING

h1-h6, p, b, i, span, br



LINKS & MEDIA

a, img, audio, video



LISTS

ul, ol, li, dl, dt



TABLES

table, tr, td, th, thead



FORMS & INPUT

form, input, label, button

Doc

Structure

TXT

Content

IMG

Media

FRM

Forms

SEM

Semantic

</>

LearnFrenzy

HTML Cheatsheet

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <!-- Content goes here -->
</body>
</html>
```

Headings

There are six levels of headings. `<h1>` is the most important (largest), and `<h6>` is the least important (smallest).

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

Containers

Container elements group or hold other content.

```
<div>This is a block container (div)</div>
<span>This is an inline container (span)</span>
<p>This is a paragraph</p>
<pre>Preserves formatting and spaces</pre>
<code>console.log("Code snippet")</code>
<blockquote>A block quotation of text</blockquote>
```

Text Formatting

```
<b>Bold text</b>
<strong>Important text (semantic)</strong>
<i>Italic text</i>
<em>Emphasized text (semantic)</em>
<u>Underlined text</u>
<mark>Highlighted text</mark>
<small>Smaller text</small>
<del>Deleted text</del>
<ins>Inserted text</ins>
<sub>Subscript</sub>
<sup>Superscript</sup>
```

Lists

Ordered List

```
<ol>
  <li>First</li>
```

```
<li>Second</li>
</ol>
```

Unordered List

```
<ul>
  <li>Item A</li>
  <li>Item B</li>
</ul>
```

Definition List

```
<dl>
  <dt>HTML</dt>
  <dd>HyperText Markup Language</dd>
</dl>
```

Media

```


<audio controls>
  <source src="audio.mp3" type="audio/mpeg">
</audio>

<video width="480" height="320" controls>
  <source src="video.mp4" type="video/mp4">
</video>

<iframe src="https://www.example.com" width="600" height="400"></iframe>
```

Tables

```
<table border="1">
  <caption>Sample Table</caption>
  <thead>
    <tr>
      <th>Column 1</th>
      <th colspan="2">Column 2</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td rowspan="2">Rowspan</td>
      <td>Data A</td>
      <td>Data B</td>
    </tr>
    <tr>
      <td>Data C</td>
      <td>Data D</td>
    </tr>
  </tbody>
  <tfoot>
    <tr>
      <td>Total</td>
      <td colspan="2">100</td>
    </tr>
  </tfoot>
</table>
```

Links

```
<a href="https://www.learnfrenzy.com" target="_blank" rel="noopener">Visit
LearnFrenzy</a>
<a href="mailto:admin@learnfrenzy.com">Send Email</a>
<a href="#section1">Jump to Section</a>
```

Forms & Inputs

```
<form action="/action.php" method="post">
  <label for="username">Username:</label>
  <input type="text" id="username" name="username"><br>

  <input type="password" name="password" placeholder="Enter Password"><br>

  <input type="checkbox" name="subscribe" value="yes"> Subscribe<br>

  <input type="radio" name="gender" value="male"> Male
  <input type="radio" name="gender" value="female"> Female<br>

  <select name="country">
    <option value="us">USA</option>
    <option value="ca">Canada</option>
  </select><br>

  <textarea name="comments" rows="4" cols="30"></textarea><br>

  <input type="file" name="resume"><br> <input type="number"
  name="age" min="18" max="100"><br> <input type="range"
  name="volume" min="0" max="100"><br> <input type="date"
  name="dob"><br>
  <input type="email" name="email"><br>
  <input type="url" name="website"><br> <input type="search"
  name="query"><br>

  <button type="submit">Submit</button>
</form>
```

Characters & Symbols

```
&copy; ©  
&lt; <  
&gt; >  
&amp; &  
&dollar; $  
&trade; ™  
&reg; ®  
&nbsp; (non-breaking space)
```

Semantic Elements

```
<header>Page header</header>  
<nav>Navigation links</nav>  
<section>Section of content</section>  
<article>Independent article</article>  
<aside>Sidebar content</aside>  
<footer>Page footer</footer>  
<main>Main content</main>
```

Meta Tags

```
<meta charset="UTF-8">  
<meta name="description" content="HTML Cheatsheet">  
<meta name="keywords" content="HTML, Cheatsheet, Code">  
<meta name="author" content="Your Name">  
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

CSS Integration

```
<style>
  body { font-family: Arial; background-color:#f0f0f0; }
</style>
<link rel="stylesheet" href="styles.css">
```

JavaScript Integration

```
<script>
  console.log("Hello, World!");
</script>
<script src="script.js"></script>
```

Comments

```
<!-- This is a comment -->
```

Accessibility

```

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

Responsive Design

```
<meta name="viewport" content="width=device-width, initial-scale=1">

<style>
  @media(max-width: 600px){
    body { font-size: 16px;}
  }
</style>
```

Beginner Tips

1. Use a modern editor (VS Code) with Emmet.
2. Indent and close all tags properly.
3. Practice using semantic elements.
4. Always include alt for images.
5. Learn CSS + JavaScript alongside HTML.
6. Test your HTML in multiple browsers.
7. Use the W3C Validator to check for errors.