



**SUBMITTED By:** Alishba Asif

**SAP ID:** 60089

**SECTION:** BSCS-4

**SUBMITTED TO:** Mr. Muhammad Haroon

## **LAB NO 2**

### **LAB TASK:**

#### **HTML tags Practice**

A screenshot of a code editor window titled "web labs". The left sidebar shows a file tree under "WEB LABS" with folders like "cv-assignment", "Lab 1", and "Lab 2", and files like "index.html", "style.css", and "logo.png". The main editor area displays the following HTML code:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>HTML Tags</title>
</head>
<body>
<header>
<h1>HTML Tags Practice</h1>
<nav>
<ul>
<li><a href="#text">Text Tags</a></li>
<li><a href="#media">Media Tags</a></li>
<li><a href="#forms">Form Tags</a></li>
<li><a href="#tables">Table Tags</a></li>
<li><a href="#semantic">Semantic Tags</a></li>
</ul>
</nav>
</header>
<section id="text">
<h2>Text Tags</h2>
<p>This is a <b>bold</b> word, <strong>strong</strong> word, <i>italic</i>, <em>emphasized</em>, <mark>highlighted</mark> Abbreviations: <abbr title="Cascading Style Sheets">CSS</abbr>, <abbr title="Hyper Text Markup Language">HTML</abbr> Cite example: <cite>MDN Web Docs</cite></p>
<p>Keyboard input: <kbd>Ctrl + C</kbd>, Sample code: <code>console.log('Hello')</code></p>
<p>Variable example: <var>x</var>, Sample phrase: <samp>Sample Output</samp>, <q>Inline quotation</q>, <blockquote>Blockquote example</blockquote></p>
</section>
<section id="media">
<h2>Media Tags</h2>
<p>Audio Example:</p>
<audio controls>
```

The status bar at the bottom shows "Ln 144, Col 1" and "Port: 5500".

File Edit Selection View Go Run ... ← → Q web labs

EXPLORER style.css lab 3 U # style.css lab 2 M index.html cv-assignment U index.html Lab 1 M X logo.png index.html ...\\Lab 1 index.htm

WEB LABS

cv-assignment index.html

Lab 1 images\\lab 1 index.html images (1).jpg images.jpg

Lab 2 .vscode images background.jpg logo.png office.jpg students.jpg uni.webp index.html

# style.css lab 3 M

lab 3 lab 5 assignment#1.pdf lab1(Alishba.600... lab3.pdf lab4.pdf README.md

OUTLINE

TIMELINE

```
Lab 1 > index.html > ...
2 <html lang="en">
8 <body>
29 <section id="media">
32 <audio controls>
33 <source src="audio.mp3" type="audio/mpeg">
34 Your browser does not support the audio element.
35 </audio>
36 <p>Embedded YouTube Video:</p>
37 <iframe width="560"
38 height="315"
39 src="https://www.youtube.com/embed/HcOc7P5BMi4"
40 title="YouTube video player"
41 frameborder="0"
42 allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture"
43 allowfullscreen>
44 </iframe>
45 <p>Image Example: </p>
46 <section id="forms">
47 <h2>Form Tags</h2>
48 <form action="/submit" method="post">
49 <label for="name">Name:</label>
50 <input type="text" id="name" name="name" required><br><br>
51 <label for="email">Email:</label>
52 <input type="email" id="email" name="email"><br><br>
53 <label for="password">Password:</label>
54 <input type="password" id="password" name="password"><br><br>
55 <label for="birthday">Birthday:</label>
56 <input type="date" id="birthday" name="birthday"><br><br>
57 <label for="gender">Gender:</label>
58 <input type="radio" id="male" name="gender" value="male">
59 <label for="male">Male:</label>
60 <input type="radio" id="female" name="gender" value="female">
61 <label for="female">Female:</label><br><br>
62 <label for="car">Select your car:</label>
63 <select id="car" name="car">
64 <option value="volvo">Volvo</option>
65 <option value="saab">Saab</option>
66 </select><br><br>
67 <label for="bio">Bio:</label><br>
68 <textarea id="bio" name="bio" rows="4" cols="50"></textarea><br><br>
69 <input type="checkbox" id="subscribe" name="subscribe" checked>
70 <label for="subscribe">Subscribe to newsletter</label><br><br>
71 <button type="submit">Submit</button>
72 <input type="reset" value="Reset Form">
73 </form>
74 </section>
75 <h2>Table Tags</h2>
```

Ln 144, Col 1 Spaces 2 UTF-8 CRLF ⚡ HTML ⚡ Port: 5500 ⚡ Prettier

Type here to search

File Edit Selection View Go Run ... ← → Q web labs

EXPLORER style.css lab 3 U # style.css lab 2 M index.html cv-assignment U index.html Lab 1 M X logo.png index.html ...\\Lab 1 index.htm

WEB LABS

cv-assignment index.html

Lab 1 images\\lab 1 index.html images (1).jpg images.jpg

Lab 2 .vscode images background.jpg logo.png office.jpg students.jpg uni.webp index.html

# style.css lab 3 M

lab 3 lab 5 assignment#1.pdf lab1(Alishba.600... lab3.pdf lab4.pdf README.md

OUTLINE

TIMELINE

```
Lab 1 > index.html > ...
2 <html lang="en">
8 <body>
29 <section id="media">
32 <audio controls>
33 <source src="audio.mp3" type="audio/mpeg">
34 Your browser does not support the audio element.
35 </audio>
36 <p>Embedded YouTube Video:</p>
37 <iframe width="560"
38 height="315"
39 src="https://www.youtube.com/embed/HcOc7P5BMi4"
40 title="YouTube video player"
41 frameborder="0"
42 allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture"
43 allowfullscreen>
44 </iframe>
45 <p>Image Example: </p>
46 <section id="forms">
47 <h2>Form Tags</h2>
48 <form action="/submit" method="post">
49 <label for="name">Name:</label>
50 <input type="text" id="name" name="name" required><br><br>
51 <label for="email">Email:</label>
52 <input type="email" id="email" name="email"><br><br>
53 <label for="password">Password:</label>
54 <input type="password" id="password" name="password"><br><br>
55 <label for="birthday">Birthday:</label>
56 <input type="date" id="birthday" name="birthday"><br><br>
57 <label for="gender">Gender:</label>
58 <input type="radio" id="male" name="gender" value="male">
59 <label for="male">Male:</label>
60 <input type="radio" id="female" name="gender" value="female">
61 <label for="female">Female:</label><br><br>
62 <label for="car">Select your car:</label>
63 <select id="car" name="car">
64 <option value="volvo">Volvo</option>
65 <option value="saab">Saab</option>
66 </select><br><br>
67 <label for="bio">Bio:</label><br>
68 <textarea id="bio" name="bio" rows="4" cols="50"></textarea><br><br>
69 <input type="checkbox" id="subscribe" name="subscribe" checked>
70 <label for="subscribe">Subscribe to newsletter</label><br><br>
71 <button type="submit">Submit</button>
72 <input type="reset" value="Reset Form">
73 </form>
74 </section>
75 <h2>Table Tags</h2>
```

Ln 144, Col 1 Spaces 2 UTF-8 CRLF ⚡ HTML ⚡ Port: 5500 ⚡ Prettier

Type here to search

VS Code interface showing the Explorer, Editor, and Status Bar.

**EXPLORER**

- WEB LABS
  - cv-assignment
    - index.html
  - Lab 1
    - images\lab 1
      - index.html
      - images(1).jpg
      - images.jpg
    - index.html
  - lab 2
    - .vscode
    - images
      - background.jpg
      - logo.png
      - office.jpg
      - students.jpg
    - uni.webp
      - index.html
      - # style.css
    - lab 3
    - lab 5
    - assignment#1.pdf
    - lab1(Alishba.600...)
    - lab3.pdf
    - lab4.pdf
    - README.md

**EDITOR**

```
Lab 1 > index.html > ...
2 <html lang="en">
8   <body>
29     <section id="media">
47       <section>
85         <section id="tables">
88           <caption>Sample Table</caption>
89             <thead>
90               <tr><th>Name</th><th>Age</th><th>City</th></tr>
91             </thead>
92             <tbody>
93               <tr><td>Ali</td><td>25</td><td>Lahore</td></tr>
94               <tr><td>Fatima</td><td>23</td><td>Karachi</td></tr>
95             </tbody>
96             <tfoot>
97               <tr><td colspan="3">End of Table</td></tr>
98             </tfoot>
99           </table>
100         </section>
101         <section id="semantic">
102           <h2>Semantic Tags</h2>
103           <article>
104             <h3>Article Tag</h3>
105             <p>This is an article about HTML5 semantic tags.</p>
106           </article>
107           <aside>
108             <h3>Aside Tag</h3>
109             <p>This content is related to the main content but separate.</p>
110           </aside>
111           <details>
112             <summary>Details Tag Example</summary>
113             <p>Here is some hidden content revealed on click.</p>
114           </details>

```

**STATUS BAR**

Ln 144, Col 1 | Spaces: 2 | UTF-8 | CRLF | ⚡ HTML | ⚡ Port: 5500 | ✨ Prettier | 10:54 pm | 01/11/2025

VS Code interface showing the Explorer, Editor, and Status Bar.

**EXPLORER**

- WEB LABS
  - cv-assignment
    - index.html
  - Lab 1
    - images\lab 1
      - index.html
      - images(1).jpg
      - images.jpg
    - index.html
  - lab 2
    - .vscode
    - images
      - background.jpg
      - logo.png
      - office.jpg
      - students.jpg
    - uni.webp
      - index.html
      - # style.css
    - lab 3
    - lab 5
    - assignment#1.pdf
    - lab1(Alishba.600...)
    - lab3.pdf
    - lab4.pdf
    - README.md

**EDITOR**

```
Lab 1 > index.html > ...
2 <html lang="en">
8   <body>
29     <section id="media">
47       <section>
101         <section id="semantic">
114           <details>
115             <figure>
116               
117                 <figcaption>Figure caption</figcaption>
118             </figure>
119             <footer>
120               <p>HTML Tags Practice End</p>
121             </footer>
122             <section>
123               <h3>Nested Section</h3>
124               <p>This is a nested section inside the semantic section.</p>
125             </section>
126             <main>
127               <p>Main content goes here.</p>
128             </main>
129             <nav>
130               <p>Navigation menu example inside semantic section.</p>
131             </nav>
132             <summary>Summary tag outside details</summary>
133             <time datetime="2025-11-01">November 1, 2025</time>
134             <progress value="70" max="100">70%</progress>
135             <meter value="2" min="0" max="10">2 out of 10</meter>
136             </section>
137             <address>
138               <p>contact us at <a href="mailto:alishbaasif1266@gmail.com">Email</a> or call <a href="tel:+123456789">+123456789</a></p>
139             </address>
140           </body>
141         </html>
```

**STATUS BAR**

Ln 143, Col 1 | Spaces: 2 | UTF-8 | CRLF | ⚡ HTML | ⚡ Port: 5500 | ✨ Prettier | 10:54 pm | 01/11/2025

HTML Tags

127.0.0.1:5500/Lab%201/index.html

## HTML Tags Practice

- [Text Tags](#)
- [Media Tags](#)
- [Form Tags](#)
- [Table Tags](#)
- [Semantic Tags](#)

### Text Tags

This is a **bold** word, **strong** word, *italic*, emphasized, **highlighted**, small text, ~~deleted~~, inserted, subscript, <sup>superscript</sup>, underlined.

Abbreviations: CSS, HTML

Cite example: *MDN Web Docs*

Keyboard input: `Ctrl + c`, Sample code: `console.log('Hello')`

Variable example: `x`, Sample phrase: `Sample Output`, "Inline quotation",

Blockquote example

### Media Tags

Audio Example:



Embedded YouTube Video:

Type here to search

HTML Tags

127.0.0.1:5500/Lab%201/index.html



Image Example:

### Form Tags

Type here to search

**Form Tags**

Name:

Email:

Password:

Birthday:

Gender:  Male  Female

Select your car:

Bio:

Subscribe to newsletter

**Table Tags**

Sample Table

Name	Age	City
Ali	25	Lahore
Fatima	23	Karachi
End of Table		

Windows Taskbar: Type here to search, Start button, Edge, Google Chrome, Microsoft Edge, File Explorer, Task View, YouTube, Taskbar icons, 22°C, 01/11/2025, 10:55 pm, Notifications.

**Semantic Tags**

**Article Tag**

This is an article about HTML5 semantic tags.

**Aside Tag**

This content is related to the main content but separate.

► Details Tag Example



Figure caption

HTML Tags Practice End

**Nested Section**

This is a nested section inside the semantic section.

Main content goes here.

Navigation menu example inside semantic section.

Windows Taskbar: Type here to search, Start button, Edge, Google Chrome, Microsoft Edge, File Explorer, Task View, YouTube, Taskbar icons, 22°C, 01/11/2025, 10:55 pm, Notifications.

This is an article about HTML5 semantic tags.

**Aside Tag**

This content is related to the main content but separate.

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Figure caption

HTML Tags Practice End

**Nested Section**

This is a nested section inside the semantic section.

Main content goes here.

Navigation menu example inside semantic section.

Summary tag outside details  
November 1, 2025 

Contact us at [Email](#) or call [+123456789](#)

