

HTML

Web pages are frequently created and programmed using HTML (Hyper Text Markup Language). It uses a system of elements and tags to organize web content. HTML instructs the browser on how to present links, text, images, and other types of material.

Tags are used to represent the elements that make up HTML documents. Angle brackets encompass keywords, such as `<p>` for paragraph. The content is positioned between the opening and closing tags of the majority of HTML elements (e.g. `<p>..</p>`)

An HTML document is structured like a tree, `<!DOCTYPE html>` with the declaration at the top and the root element below it. The two main parts of `<html>` are `<head>` and `<body>`. All the visible information, such as headings, paragraphs, links, and images, is located in the `<body>`, but meta information, such as the page title, is located in the `<head>`.

HTML Tags and Element:

The fundamental building blocks of any web page are HTML tags and elements. A tag is a term that is enclosed in angle brackets, such as `<p>`, and is used to specify the kind and structure of content. The majority of tags are paired with an opening tag (like `<h1>`) and a closing tag (like `</h1>`). The opening tag, content tag, and closing tag are all components of an element. `<p>Hello</p>` is an example of a paragraph element. Some tags are self-closing, such as `` and `
`. While elements offer structure and meaning, tags aid in the proper presentation of content in browsers. They serve as the cornerstone of all HTML documents.

List of HTML Tags:

Tag	Purpose	Example
<code><html></code>	Root of an HTML document	<code><html>...</html></code>
<code><head></code>	Contains metadata	<code><head>...</head></code>
<code><title></code>	Sets the page title	<code><title>My Page</title></code>
<code><body></code>	Main content of the page	<code><body>...</body></code>
<code><h1></code>	Main heading	<code><h1>Welcome!</h1></code>
<code><p></code>	Paragraph	<code><p>This is a paragraph.</p></code>
<code><a></code>	Hyperlink	<code>Visit</code>
<code></code>	Image	<code></code>

	Unordered list	...
	List item	Item 1
<div>	Block-level container	<div>Content</div>
	Inline container	Text
 	Line break	Line 1 Line 2
<input>	Form input field	<input type="text">
<form>	Form element	<form>...</form>

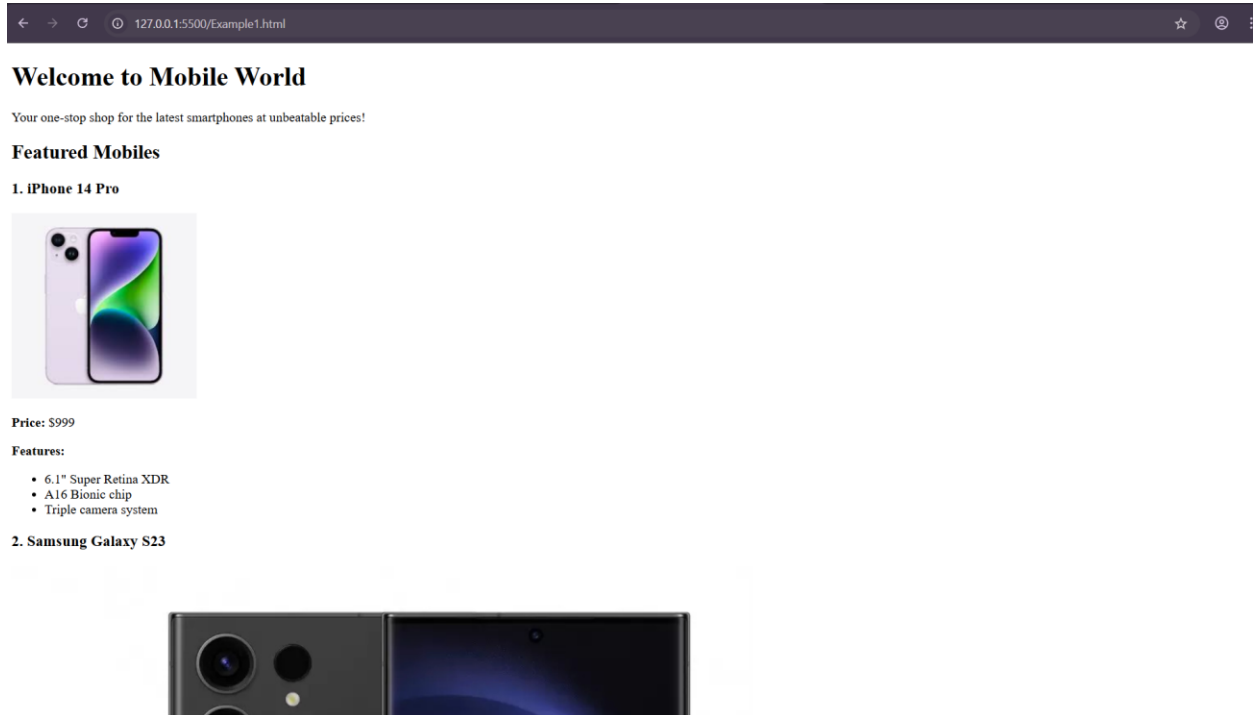
List of HTML Elements:

Element	Description	Example
<h1>Heading</h1>	Heading element	<h1>Main Title</h1>
<p>Text</p>	Paragraph element	<p>Hello world!</p>
Link	Anchor (link) element	OpenAI
	Image element (self-closing)	
...	Unordered list	One
...	Ordered list	First
Item	List item	Milk
<div>Content</div>	Division container	<div>Section</div>
Text	Inline text container	Highlight
<input type="text">	Text input field	<input type="text">
<form>...</form>	Form element	<form>Submit</form>
<label>Text</label>	Label for input	<label>Name:</label>
<button>Click</button>	Button	<button>Click me</button>
Bold	Strong (bold) text	Important
Italic	Emphasized (italic) text	Note

HTML code example::

```
File Edit Selection View Go Run Terminal Help
Example1.html X
1 <!DOCTYPE html> <html> <body> <img
2 <html>
3 <head>
4 <title>Mobile Store - Best Smartphones</title>
5 </head>
6 <body>
7
8 <h1>Welcome to Mobile World</h1>
9
10 <p>Your one-stop shop for the latest smartphones at unbeatable prices</p>
11
12 <h2>Featured Mobiles</h2>
13
14 <h3>1. iPhone 14 Pro</h3>
15 
16 <p>strong:Price</strong> $999</p>
17 <p>strong:Features</strong></p>
18 <ul>
19 <li>6.1" Super Retina XDR</li>
20 <li>A16 Bionic chip</li>
21 <li>Triple camera system</li>
22 </ul>
23
24 <h3>2. Samsung Galaxy S23</h3>
25 
26 <p>strong:Price</strong> $799</p>
27 <p>strong:Features</strong></p>
28 <ul>
29 <li>6.1" Dynamic AMOLED</li>
30 <li>Snapdragon 8 Gen 2</li>
31 <li>New main camera</li>
32 </ul>
33
34 <h2>Contact Us</h2>
35 <p>Interested in buying? Fill out the form below:</p>
36
37 <form>
38 <label for="name">Full Name</label><br>
39 <input type="text" id="name" name="name"><br>
40
41 <label for="mobile">Mobile Model</label><br>
42 <input type="text" id="mobile" name="mobile"><br>
43
44 <label for="email">Email Address</label><br>
45 <input type="email" id="email" name="email"><br>
46
47 <label for="message">Message</label><br>
48 <textarea id="message" name="message" rows="4" cols="80"></textarea><br>
49
50 <input type="submit" value="Send Inquiry">
51 </form>
52
53 <br>
54 <p><em>Note</em></p> We will respond within 24 hours.</p>
55
56 </body>
57 </html>
```

Output:





Price: \$799

Features:

- 6.1" Dynamic AMOLED
- Snapdragon 8 Gen 2
- 50MP main camera

Contact Us

Interested in buying? Fill out the form below:

Full Name:

Mobile Model:

Email Address:

Message:

Note: We will respond within 24 hours.