

# Html - 5

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# WHAT IS HTML?

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content
- HTML5 is the latest evolution of the standard that defines HTML

# Simple HTML Document

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>

<h1>Welcome To Uplatz</h1>
<p>Learning HTML IS EASY</p>

</body>
</html>
```

# HTML

- The `<!DOCTYPE html>` declaration defines that this document is an HTML5 document
- The `<html>` element is the root element of an HTML page
- The `<head>` element contains meta information about the HTML page
- The `<title>` element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)
- The `<body>` element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.
- The `<h1>` element defines a large heading
- The `<p>` element defines a paragraph

# What is an HTML Element?

- An HTML element is defined by a start tag, some content, and an end tag

`<tagname>`Content goes here...`</tagname>`

- The HTML **element** is everything from the start tag to the end tag

**Note:** Some HTML elements have no content (like the `<br>` element). These elements are called empty elements. Empty elements do not have an end tag!

# WEB BROWSERS

- The purpose of a web browser (Chrome, Edge, Firefox, Safari) is to read HTML documents and display them correctly.
- A browser does not display the HTML tags, but uses them to determine how to display the document

# Important Features of HTML5

- ❖ **<video>** : The Html <video> element is used to show a video on a web page

```
<video width="320" height="240" controls>
```

```
  <source src="" type="video/mp4">
```

```
  <source src="" type="video/ogg">
```

Your browser does not support the video tag.

```
</video>
```

- ❖ To start a video automatically use the autoplay attribute

# Important Features of HTML5

❖ **<audio>** : The Html <audio> element is used to play audio on a web page

```
<audio controls>
```

```
<source src=" " type="audio/mpeg">
```

Your browser does not support the audio tag.

```
</audio>
```





Thank You

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