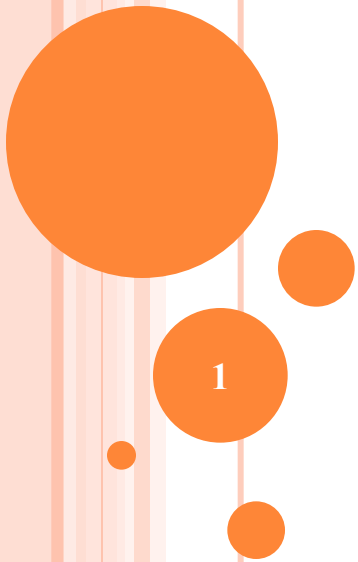


INTRODUCTION TO HTML

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INTRODUCTION TO HTML TOPIC OBJECTIVES

- At the end of this topic the learner should:-
 1. Define the term HTML
 2. Outline the advantages and limitations of HTML
 3. Use HTML to:
 - Format text
 - Create hyperlinks
 - Create HTML Lists namely:-
 1. Ordered list
 2. un-ordered lists
 3. Definition list

- Continuation...
- Use HTML to:
 - Create HTML Tables
 - Create HTML Forms
 - Create HTML Frames

WHAT IS HTML?

- HTML(Hyper Text Markup Language) is a web authoring language used to create Web pages.
- HTML uses many tags to make a webpage.
therefore it is a tag based language. The tags of HTML are surrounded by angular brackets (< >)

- **Definition of HTML tag**
- An HTML tag is as a set of characters constituting a formatted command for a Web page. HTML tags provide the directions or recipes for the visual content that one sees on the Web page.

- Continuation...
- An HTML tag consists of the tag name in angular brackets and may come in pair, which makes up the beginning and ending tag that frame a particular piece of code, text or other tags.
- The beginning tag consists of the name, optionally followed by one or more attributes, whereas the ending tag consists of the same name preceded by a forward slash ("/"). For

HTML tags continuation..

- An example of html tag:

`<p>` “ begins a paragraph, whereas `</p>`” ends that paragraph.

Note: This is a consistent syntax in HTML

Advantages of HTML:

- HTML is compatible with other web authoring tools
- HTML is a free language this is because it is by default in every windows therefore no need to purchase extra software.
- It's a user-friendly language i.e. the language is easy to learn and use.
- Compatible with different web browsers
- It's widely used

Limitations of HTML

- HTML has limited security features
- HTML can only generate static webpages
- Need to write lot of code for creating simple webpages.

HTML support the following formats of web content:

- i. Graphics
- ii. Text
- iii. Sound
- iv. Video
- v. Animations

THE BASIC HTML PAGE TAGS

- The essence of HTML programming is tags.
- A tag is a keyword enclosed by angle brackets (
Example:)
- There are opening and closing tags for many html tags but not all tags; The affected text is between the two tags.

- A standard HTML page consist of the following tags:

Opening tag	Description	Closing tag
<HTML>	Defines an HTML page	</html> Closes the html tag
<head>	Defines the HTML page header	</head>
<title>	Defines an HTML page title	</title>
<body>	Defines the contents to be displayed by the web browser	</body>

- **HTML tags:**
- **Note:** The opening and closing tags use the same command except that the closing tag contains an additional forward slash (/).

○ Exercise One

Create an HTML page that displays the output “ This is my first HTML webpage” when run via a web browser.

○ Exercise Two

Create an HTML page that displays the output shown below when run via a web browser.

HTML is a web authoring tool

It is user-friendly

HTML is compatible with many web browsers