\*\* INTRODUCTION

=>HTML is an initialism for "HyperText Markup Language".

=>The word hypertext markup language comprises the words “hypertext” and “markup language”.

The term "hypertext" refers to the linking of text with other documents and

“markup language” refers to a language that uses a set of tags.

=>So, HTML is the linking of text with other documents using some set of tags.

=>It is the language of the web.

=>It is used to create websites.

=>It is used to define a page layout, meaning it is a barebone page structure.

=>HTML is used for making pages of the website also called webpages that we see on the internet

=>".html" is the extension.

=>There are so many versions of HTML but HTML5 is the latest version.

\*\* FEATURES

=>It is platform-independent.

=>Images, videos, and audio can be added to a web page.

=>Hypertext can be added to the text.

=>It is interpreting language

=>It can be integrated with other languages like CSS, JavaScript etc.

=>Semantic Structure.

=>local Storage & Indexed DB – Client-side data storage.

=>Offline Capabilities (PWA) with Cache API & Service Workers.

\*\* STRUCTURE

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| 1.<!DOCTYPE html> |

| 2.<html> |

| 3.<head> |

| 4. <title>Document</title> |

| 5.</head> |

| 6.<body> |

| 7. <!-- content --> |

| 8.</body> |

| 9.</html> |

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1.<!DOCTYPE html>

The <!DOCTYPE> declaration tag is used by the web browser to understand the version of the HTML used in the document.

The current version is 5 i.e. HTML 5.

2.<html>

The <html> tag is the root of an HTML page.

3.<head>

The <head> tag contains page metadata.

4.<title>Document</title>

The <title> tag contains the title of a page and is shown in the browser title bar.

5.</head>

The </head> tag is closing of <head> tag.

6.<body>

<body> tag is the main tag of HTML.

It contains the main body of the page and is shown in the white part of the browser.

7.</body>

The </body> tag is closing of <body> tag.

8.</html>

The </html> tag is closing of <html> tag.

Every HTML page needs at least these 8 lines to define a layout of a page.

\*\* HTML TAGS

=>A tag is like a container for either content or other HTML tags. Tags are words enclosed within < and > braces.

They are like keywords which defines that how web browser will format and display the content

=>HTML Element is a combination of the start tag, content, and end tag.

HTML Element = Start tag + Content + End tag

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