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1. What is HTML?

2. How to Create the application using HTML?

3. What is the Element?

4. HTML Page Structure

5. Features of HTML

6. Basic Tags of HTML.

7. HTML Editors

8. Examples

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What is Interface?

-It ia an bridge between two diffrent channels.

- two types of Interfaces.

1. CLI (Command Line Interface)

2. GUI (Graphical User Interface)

**Graphical user interfaces (GUIs)—**Users interact with visual representations on digital control panels. A computer’s desktop is a GUI.

**Voice-controlled interfaces (VUIs)—**Users interact with these through their voices. Most smart assistants—e.g., Siri on iPhone and Alexa on Amazon devices—are VUIs.

**Gesture-based interfaces—**Users engage with 3D design spaces through bodily motions: e.g., in virtual reality (VR) games.

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1. What is HTML?

- Hypertext Markup Language.

- It is used to create a Static/Dynamic web Pages.

- It contains a strcture format.

- It has the contents like: Text, Images, Audio, Vidio, Linkes, etc....

- It is the collection of Elements/Tags.

* 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
* HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

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2. How to Create the application using HTML?

- We follow some Steps:

1. Reqired Text Editors

Notepad, Notepad++, Sublime Editor, VS Code, etc.

2. Create the Samople Web Page

Follow the Structure of HTML code

3. Save the Application

4. Run your application.

e.g.:

<html>

This is the new web, Page.

</html>

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3. What is the Element?

- HTML elements can be defined as:

<html start tag> Contents...... </html end tag>

- Html element contains the everything in between Start & End Tag.

eg: <p> This is the Paragraph </p>

- Also there are some empty elements in HTML.

eg.: <br>, <hr>, <link>, <img>

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4. HTML Page Structure

<!DOCTYPE html>

<html>

<head>

<title>

Title of Page

</title>

</head>

<body>

Hellow Every One!!!!!

</body>

</html>

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It contains two sections Head & Body

1. <!DOCTYPE html>: It contais html document type (version of HTML).

2. <head> contains meta data of the web page.

3. <body> contains the contents or collection of the elements.

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5. Features of HTML