Introduction of HTML

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What is HTML?
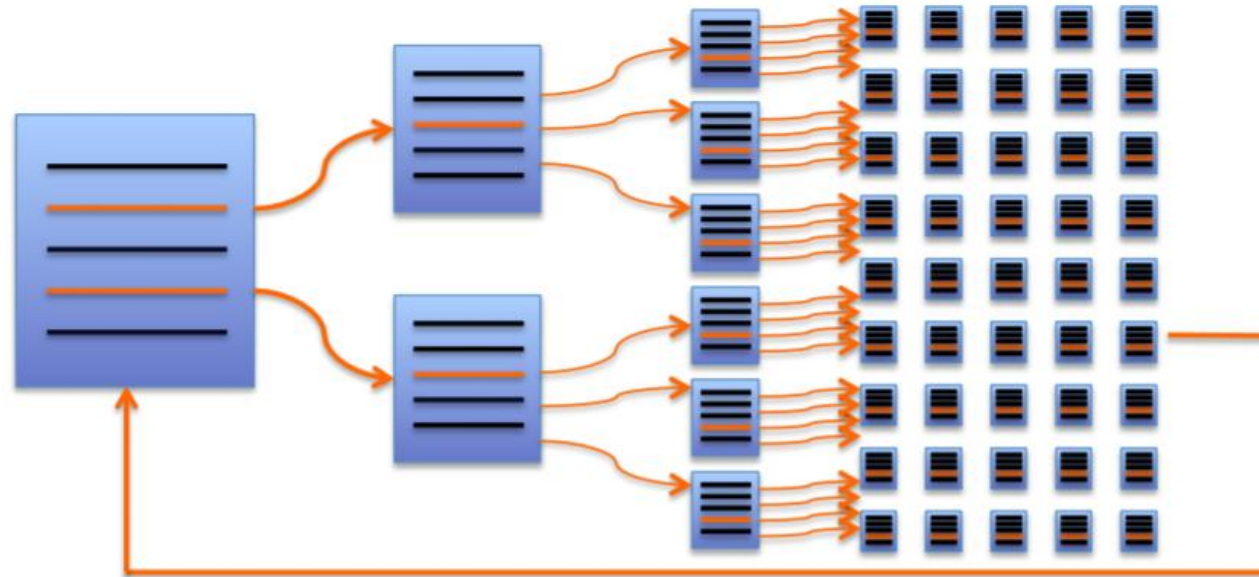
HTML

Hyper Text Markup Language

Hypertext

Hypertext is text which contains links to other texts means web pages are linked together.

Ordinary Text ――(by HTML)――>Hypertext

Markup Language

- **Markup Language** is a way to define elements within a text document using tags that tells the Web browser how content going to be display.

- It is human-readable.

- Markup files contain standard words.

What is HTML?

- It is standard markup language.

- It is used to create web pages with the help of HTML elements.

- It supports text, image, link, table, form as a content.

- It is platform independent.

- It was created by Tim Berners-Lee.

Tim Berners-Lee

Versions of HTML

- HTML 1.0 (1991)

- HTML 2.0 (1995)

- HTML 3.2 (1997)

- HTML 4.0 (1999)

- HTML 5.0 (2014)

HTML Document Structure

<!DOCTYPE html>   → HTML Document Type
<html>   → Root tag of an HTML document
 <head>
      head elements   Document's header
 </head>
 <body>
      body elements   Document's body
 </body>
</html>

HTML Environment Setup

HTML EDITOR:

- Text editor allow to write and edit HTML code.

- Basic editor: Notepad (Windows), Gedit (Linux) or TextEdit (Mac)

- Advanced editor: Notepad++, Sublime Text, Vim, Visual studio code

WEB BROWSERS:

- A **web browser** is used to display the formatted HTML content.

- Example: Chrome, Internet Explorer, Firefox, Safari, Mosaic, Opera

First HTML Document

Step – 1: Open Visual Studio Code

Step – 2: Write HTML code

Step – 3: Save the HTML file (.htm or .html)

Step – 4: View the HTML Page in Browser

Online editor

1. https://html-online.com/editor/

2. https://html5-editor.net/

3. https://repl.it/languages/html

Thank you