*Assigment 3*

1. What is HTML?

HTML is a markup language used in web development to structure and present content on the internet. It consists of a series of elements, each represented by tags, which define the structure of web documents. HTML is fundamental for creating the basic structure of web pages, including headings, paragraphs, images, links, and more.

2. What is CSS?

CSS is a style sheet language that complements HTML by controlling the presentation and layout of web pages. It allows developers to define the look and feel of HTML elements, specifying attributes such as color, font, spacing, and positioning. CSS helps in separating the structure (HTML) from the presentation (CSS), making it easier to maintain and update the visual aspects of a website.

3. Why did Javascript come into the picture?

JavaScript is a scripting language that adds interactivity and dynamic behavior to web pages. Unlike HTML and CSS, which primarily handle structure and presentation, JavaScript allows developers to create responsive and interactive elements. It enables functionalities like form validation, animations, and updating content without requiring a page reload.

4. History of Javascript and EcmaScript. Explain in your own words.

History of JavaScript and EcmaScript:

* JavaScript was created by Brendan Eich while working at Netscape in 1995. It was initially developed under the name "Mocha" and later renamed "LiveScript" before settling on "JavaScript" to leverage the popularity of Java at that time.
* JavaScript gained prominence as it became supported by multiple browsers, allowing developers to create more dynamic and engaging web applications.
* The standardization of JavaScript led to the creation of ECMAScript. ECMAScript is the official specification that JavaScript follows, ensuring consistency across different implementations. The first edition of ECMAScript was published in 1997.
* Over the years, several versions of ECMAScript have been released, introducing new features and improvements. Some noteworthy versions include ES5 (2009), ES6 (2015, also known as ECMAScript 2015 or ES2015), and subsequent yearly updates.