Assignment

Ans1. HTML (Hyper Text Markup Language) it is used to create and structure the content of the webpages.

It’s main features are

1. Creating structure and layout
2. Accessibility and improves search engine optimization
3. Compatibility is an important feature.

It is the essential building block, easy to learn and one of the most versatile language.

Ans2. CSS(Cascading style sheet) is the style sheet language used to describe look and formatting documentation in HTML

It is used for

1. Styling and responsive design
2. Separation of concern and appearances
3. Reusability and animation

It improves

1. Fast page loading speed.
2. Better UX.
3. Compatibility across devices

Ans 3. Java script came into the picture to make data more interactive. It is an essential tool for front-end development and it is also used on the backend of web development. It is the most popular most widely used language to make wide usage of applications. It is like the soul of the webpage. its functionality is performed between different function is defined by the web pages.

Ans 4. JavaScript was invented by Brendan Eich in 1995.

● It was developed for Netscape 2, and became the ECMA-262 standard in 1997.

● Initially known as LiveScript, Netscape changed the name to JavaScript so they

could position it as a companion for the Java language, a product of their

partner, Sun Microsystems.

● Its earliest releases suffered from notable performance and security issues, but

developers had no alternatives.

● In 2008, the creation of Google's open-source Chrome V8, a high-performance

JavaScript engine, provided a crucial turning point for JavaScript.

Ryan Dahl released an open-source, cross-platform environment called Node.js.

It provided a way to run JavaScript code from outside a browser.

● It freed JavaScript from the browser's confines and led directly to JavaScript's

current popularity.

Nowadays, most major online companies today, including Facebook, Twitter,

Netflix, and Google, all use JavaScript in their products.