What is HTML ?

*) HTML Stands for Hyper text markup language.

') HTML is the Standard markup language for Creating web pages.

') 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 heading", "this is Paragraph", "this is a link etc"

Why HTML is important for web development ?

Every website you open in a web browser uses HTML from social network to music Services, Each Student needs to understand the importance of HTML because It helps to Create web pages, HTML describes the structure of a website. Description and Sign for presentation, making it a markup language Comparatively a Programming language. It's a form of Computer language used to create web pages on the internet viewable. It is a fundamental technology.

behind everything you see in a web browser, and it is used to build everything from Simple web pages to complicated web applications and Services.

Here we learned about the importance of HTML for web development.

Reason To Learn HTML

⊕) Essential building block of web and widely used

•) Easy to learn

•) versatile.

What is Css *

* CSS (Cascading Style Sheets) is a Style Sheet language and to describe the look and formating of a document awriting in HTML, It is used to define the styles of elements on a web pages, Such as font, Color, size and layout of text and other elements.

Points

•) CSS Stands for Cascading Style Sheets.
•) CSS describes how HTML elements are to be displayed on screen, paper, or in other media.
•) CSS Saves a lot of work. It can Control the layout of multiple web pages all at once.
•) External Stylsheets are stored in CSS files.

Why Css is important for web dev?

.) Styling and Responsive Design.
.) Seperation of Content and appearance.
.) Reusability and animation.

OR

Css makes the front-end of a website shine and it creates a great user experience. Without CSS, websites would be less pleasing the eye and likely much harder to navigate. In addition to layout and formats, CSS is responsible for ~~font~~ font color and more.

Reason to learn CSS

———————————————

Having the knowledge to build your own website with HTML and CSS gives you the chance to stand out from the crowd with an authentic, hand-crafted representation of your own business, or any business for that matter. Save money on every site you may want to build in the future, and build better websites with HTML and CSS.

Why JavaScript Into the Picture.

INTRODUCTION TO JAVA SCRIPT

•) JavaScript is a programming language that is used to make websites more interactive.

•) JavaScript is an essential tool for front-end web development, and it is also used on the back end of a web application.

•) It is a popular and widely used language to build a wide range of apps, including mobile apps, desktop apps, and games.

Webpages Were Introduced Before Js

•) Before JavaScript was developed, web pages were static and could not be changed by the user. If a web page needed to display dynamic content or respond to the user Input, the entire page would have to be reloaded from the server.

This made the web a less interactive and responsive experience for users.

In other words => . "The most common technology before the www was gopher, which supported only static content." too. At this time, non-graphical user environments were more common, they were remotely used by telnet, or more early, by serial terminals.

HISTORY OF JAVASCRIPT

Javascript was designed to be a lightweight, easy to learn. programming language that could be used to add interactive to web pages. It was originally developed by Netscape, and it was quickly adopted by the web browsers. Today, Javascript is one of the most popular programming languages in the world, and it is used on almost every modern web pages.

Specific things adds to web dev

○) Dynamic content and interactivity.
•) validations
•) Animations,

HISTORY OF JAVASCRIPT

*) A scripting language that allows you to Implement Complex features on web Pages.

*) Enables you to update content dynamically, controls multimedia, animate images, and much more.

*) We use HTML to Structure and give meaning to our web Content, Css to apply styling to our HTML Content and Javascript to add behaviour aspect and to make the page interactive.

HISTORY

*) Javascript was invented by Brendan Eich in 1995.

*) It was developed from Net Scape 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.

•) Ray 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 added directly to Javascript's current popularity.

Now, a days, most major online companies today, including facebook, Twitter, Netflix, and google, all use Javascript in their Products.

ECMA

What is ECMA Script

ECMA Script is a standard general Purpose Programming language that is confirmed by Javascript and some other languages. It is the scripting language that formed the basis of browser-based Javascript and Node.js. ECMA is an acronym for European Computer manufacturer's Association, which develops Standard for information technology and Consumer electronics. language such as Javascript, Dart-lang, and C# were