WHAT IS JAVA SCRIPT?

JavaScript is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else.

WHY JAVA SCRIPT?

JavaScript enables dynamic interactivity on websites when it is applied to an HTML document. JavaScript helps the users to build modern web applications to interact directly without reloading the page every time. JavaScript is commonly used to dynamically modify HTML and CSS to update a user interface by the DOM API.

HOW AN API WORKS?

Most web APIs sit between the application and the web server. The user initiates an API call that tells the application to do something, then the application will use an API to ask the web server to do something. The API is the middleman between the application and the web server, and the API call is the request.

COMMON FEATURES IN PROGRAMMING LANGUAGES:

Variables

Datatypes

Operators

Functions

WHRE WE USED JAVA SCRIPT?

JavaScript is primarily used in web browsers to enhance the functionality of websites and web applications.

It's also used on the server-side with Node.js to build scalable network applications.

JavaScript can be found in various environments beyond the web, including mobile app development, desktop app development, game development, IoT (Internet of Things), and more.

HOW JAVA SCRIPT USED?

Introducing JavaScript in HTML is typically done by including `<script>` tags within the HTML document. Here's how you can do it:

1. Inline JavaScript:

You can include JavaScript directly within the HTML document using the `<script>` tag. Place the `<script>` tag inside the `<head>` or `<body>` section of your HTML document.

2. External JavaScript File:

Alternatively, you can create a separate JavaScript file with a `.js` extension and include it in your HTML document using the `<script>` tag's `src` attribute.

html