Introduction to JavaScript

JavaScript is a powerful programming language that can add interactivity to a website.

It was invented by Brendan Eich.

JavaScript (JS) is a lightweight, interpreted, or just-in-time compiled programming language.

JavaScript itself is relatively compact, yet very flexible.

Developers have written a variety of tools on top of the core JavaScript language, unlocking a vast amount of functionality with minimum effort. These include:

- Browser Application Programming Interfaces (APIs) built into web browsers, providing functionality such as dynamically creating HTML and setting CSS styles; collecting and manipulating a video stream from a user's webcam, or generating 3D graphics and audio samples.
- Third-party APIs that allow developers to incorporate functionality in sites from other content providers, such as Twitter or Facebook.
- Third-party frameworks and libraries that you can apply to HTML to accelerate the work of building sites and applications.

The javascript code is written inside the <script> tag. Consider the following example:

<script>

    document.write("Hello World");

</script>

We can also write our javascript code in separate file having the extension .js and can include that file in our code using <script> tag.