javascript

Introduction to Javascript

JavaScript is a programming language that adds interactivity to your website. This happens in games, in the behavior of responses when buttons are pressed or with data entry on forms.

Features of javascript

Javascript is a versatile programming language with multiple features. Some of the main features of Javascript are versatility, event handling, Document Object Model manipulation, interactivity and support of various frameworks and libraries.

What is Synchronous and asynchronous

Asynchronous is multi-thread, which means operations and programs can run in parallel.

Synchronous is a single-thread, so only one operation or program will run at a time. Asynchronous is non-blocking, which means it will send multiple requests to a server.

What is single threaded and multithreaded

Multithreading is the ability of any program to execute multiple threads simultaneously. As we know JavaScript is a single-threaded programming language, which means it has a single thread that handles all the execution sequentially. Single-threaded means one line of code run at once.

What is event driven

It allows developers to write non-blocking, asynchronous code that responds to events as they occur, without waiting for blocking operations to complete.

Interpreter and compiler

Interpreter: An interpreter runs instructions directly from the programming language without changing them into machine code first.

Compiler: A compiler changes the entire program into object code and saves it. This code can then be run by the machine.

What is scripting language

JavaScript is a scripting and programming language that allows you to implement complex features on web pages every time a web page does more than just sit there and display static information for you to look at displaying timely content updates, interactive maps, animated 2D and 3D graphics, scrolling video jukeboxes.

Javascript search engines

As we mentioned, there are a lot of ways to create a search engine on your website. Users on the internet have developed multiple JavaScript codes that either connect to a Github index, access Google as a third-party index or crawl your particular site for content.