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# Javascript

→ Javascript is a scripting language that enables you to create multimedia, update content, control, animate images, and pretty much everything else.

Ex → There is a "Register" button and you want to show a pop-up message on the screen after the user clicks on the button, so this is one of the many functionalities that javascript can do.

→ Scripting languages are the one that are not compiled languages.

→ They are been interpreted.

→ Interpreted means it starts from top and converts line by line code into machine level code. The whole code is not been converted into the machine-level language at a single go.

\* Javascript started at Netscape, a web browser developed in the 1990s.

"The main agenda of introducing javascript was to make the client-side interactive"



So, majorly javascript is known as -

"Client-Side Scripting language"

And with the introduction of Node Js we are also using javascript on the 'server-side'.

→ Since, interpreting languages were too slow or the processes coming out were too slow, so many engines were developed, from which one was "google chrome V8 Engine."

↓  
{ It optimizes the code to a great extent }

\* How to add Js to a Webpage →

→ How to work with console on browser.

→ Using,

`<script src = " --- .js" > </script>`

How to use console.log →

→ index.js {

var a = 4 + 6

console.log(a);

}

