

** Today we will learn JavaScript from start to end in one video. This JavaScript notes will be exceptional Because I will show you JavaScript. JavaScript does run in browsers. So your browser contains everything that is required to run JavaScript. That means your browser knows how to run. Mostly all the pages on the web contains JavaScript. So in the script tag , it has written JavaScript. This is the JavaScript Code. JavaScript gives Strength to the page. That is the logic on the frontend That the browser has to perform on itself. In browser JavaScript runs in the client side. Client means the person who is using the internet. That means the computation is not done on the server. It is being done in your house, your computer. So how is this happening ? Is there any server ? Who is doing the computation for us ? Even if you disconnect your internet wire then too you can perform calculations here.

** JavaScript is very important. I will show everything step by step What are JavaScript variables, operators, assignment operators, functions objects objects and functions objects. And after that we will use a method for coding in JavaScript. We will not write code here because we want to create programs. How to run and execute those programs will be very important for us. HTML is a must for developing any website. HTML contains CSS and JavaScript. JavaScript is used in both frontend and backend. HTML is the that contains everything It is the skeleton of the website. CSS is for designing. So I can safely write JavaScript is for Client side scripting. And JavaScript is your memory , your brain. HTML is the skeleton of a human skeleton. CSS contains the things that you need to look beautiful like hairs, nose , muscles etc And JavaScript will be the brain that thinks and makes use both of these things and helps in working. These were the basic requirements to build a website.

** Web server is like a computer. It is a virtual machine that computes and in response it returns HTML , CSS , and JavaScript . Processing is done in a fraction of a millisecond. The CSS and JavaScript will be embedded in HTML. So HTML will host these things and it will be bundled together and will be sent to your browser. HTML stand for Hypertext Markup Language. HTML is a Skelton in which there are skeletal buttons skeleton of forms and input tags without design. CSS is used to present HTML in a better way. If you create a button in HTML then it will look like this. JavaScript is a high-level dynamic interpreted language. And it allows client-side scripting. And JavaScript is different from Java. Java was popular at that time and wanted JavaScript to react Java 's level So they made it JavaScript for web pages. Script can be executed in the browser itself.

** Node. js is web server. It can be executed on the browser as well as the server. JavaScript is a safe language when you run it in the browser. CoffeeScript and TypeScript have been transpiled into JavaScript. These languages come and go But JavaScript is surviving for more than 20 years.

You must 've been thinking that coding in JavaScript is boring Python and all we code in VS code. And JavaScript we only have to write in console. Use whatever editor you 're comfortable in. I choose VS code because I can write Python, CSS , JavaScript etc. I like this because it is from Microsoft and its open source. Along with that I have memorised the features of any editor. You can use that editor if you like it. The code which is available on every HTML page will be available on all HTML pages. So I want to teach you JS with the help of browser first. I want you to use emmet abbreviation and click enter. And a boilerplate of HTML The code you 'll be able to see here. And if I save it then it gets automatically updated.