

1.use of JavaScript (What you can do using JavaScript)?

We can do a lot of things with js like we can build front end web apps,mobile apps,we can build backend with js and we also can use it in cloud and we can use it to create web 3 apps and also in machine learning.

2.difference b/w client Side vs Server side?

First let's understand the client side and server side then will understand the difference

client-side:(front-end)

In software development we will write some code that develops the user interface and user experience (what users see and interacts) this is called front end development

Server-side (back-end-development):

We will write some code that runs in server machines(computers) and accepts the request from the front end and processes the request and interacts with the db and sends data back to the front end. This is called server side(back-end development)

Differences:

1. Code that belongs to the front end will run in the user's machine but server code will run through a server.
2. Client side code can visible to the users but not server side code
- 3.client code will be less secure but not server code

3.what is node.js?

In initial days to run js code it was possible only in browsers because browsers have js engines like spider monkey chakra and famous v8 to run the js code but down the line

People pulled out the engine from browsers and wrapped some other extra stuff to the engines that thing is called as node.js so now js code can run outside of the browsers using node.js

4. Scope in javascript?

Scope in js is if we are able to access a variable or function in code then we can say that variable is in scope or if we get any error while accessing variable then we say that variable is not in scope so we can't access that.

5.JavaScript is asynchronous or synchronous?

Js is a **synchronous language** that means js engine will executes only one command at a time after completion of that it will goes to the next line to execute next command

6.JavaScript is Single-threaded or Multi-threaded.

Js is a single threaded languages because it has only one call stack to execute js code

7. Explain DOM in your own words?

Dom stands for document object model,browser will model the html document into object tree like structure so it's easy for js to manipulations in the do

