**(1) Introduction of JavaScript**

JavaScript is a cross-platform, object-oriented scripting language used to make WebPages interactive (e.g., having complex animations, clickable buttons, popup menus, etc.).

There are also more advanced server side versions of JavaScript such as Node.js, Which allow you to add more functionality to a website than downloading files

JavaScript contains a standard library of objects, such as Array, Date, and Math, and a core set of language elements such as operators, control structures, and statements.

Core JavaScript can be extended for a variety of purposes by supplementing it with additional objects.

**(2) Javascript Features**

* Light Weight Scripting language
* Dynamic Typing
* Object-oriented programming support
* Functional Style
* Platform Independent
* Prototype-based
* Interpreted Language
* Async Processing

**(3) Comments in JavaScript**

// For single line comment

/\* For block of lines comment

...

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**(4) Variables in JS**

4 Ways to Declare a JavaScript Variable:

* Using var
* Using let
* Using const
* Using nothing

**(5) Data type in JavaScript**

JavaScript has 8 types

String, Number, Bigint, Boolean, Undefined, Null, Symbol, Object