DAY - 1

Topics - Javascript, Javascript engine, Version, Variables

JavaScript ?
- Help us to create interactive web pages.
- Make web pages alive.
- Scripts are plain text.
- No need for a special compilation to run.

Browser:

It is originally made to run in browsers.

Every browser has a javascript engine to run javascript code.

Google (v8) , Edge (Chakra) , Firefox (SpiderMonkey) , Safari (JS Core Webkit) **.**

Open source javascript in chrome and embedded in cpp and it is called node.

Js code can run in node or browser.

JavaScript:- Confirm the specification.

ECMAScript:- Just a Specification. [European computer manufacturers Association]

Mobile app - Facebook developed a framework called react native (Js).
Desktop apps - Skype, VScode are built by html, css, Javascript.
Game - Phaser.js and impact.js
Server - Express js, node js, nest js
        Socket.io (Library) to communicate with client and server.
Machine Learning - Tensorflow js

Variables:-

Var, Let, Const
Var - var can be redefinable and declarable.
Let - Let can be modified but cannot declare once again. [Make a Scope].
Const - const is fixed.

Var - Var is a function variable, gives power to entire function
Let - Let is a block variable, gives power to a certain block of code.