**what is JavaScript ?**

• javascript is a client side scripting language

• javascript load on user browser

• javascript is used as a programming language.

• Javascript is developed or manage by Brendan eich and manage by Netscape.

• Javascript world most popular scripting language now.

• Javascript used to provides form validation | events | methods | function | varaiables | operators to manipulate data or manage data.

• Javascript is casesenstive language

• Ex: getElementById() , document.write()

• Javascript is used to load on body and head both section

• Javacript is used to load using <script> tag

• Javascript used as external file save with .js extention

Alert.js

Body.html

<script src=”js/alert.js” type=”text/javascript”></script>

• Javascript debug in console

• Javascript used a inbuild method to check programme in console.

Console.log();

• Javascript used some events to load javascript in browser

Types of javascript events

• Window events

• Keyboard events

• Mouse events

• Javascript used some output method to take output on your bowser

Types of output method

• alert

• confirm

• prompt

• document.write()

• document.getElementById()

• document.getElementById().value

• document.getElementById().innerHTML

• document.getElementById().style

• console.log()

• window.print

• Javascript operator : js operator is used to perform some actions

Types of operator

• Arithmatic operator

Ex: +, -, %,\*,/ etc.

• comparision operator

Ex: ===, > , < , >= , <= etc.

• assignment operator

Ex: =, ==,!= etc.

• logical operator

Ex: && , || , ! etc.

• sorthand operator

Ex: +=, -=, %=,\*=,/= etc.

a=10;

b=20;

a+=b;

a=a+b;

• ternary operator

Ex: ?: etc.

• increment/decrement operator

Ex: ++ , -- etc.

a++ post increment

a-- post decrement

++a pre increment

--a pre decrement

• string concatenate operator

ex: +

• Javascript variable : A variable just like container where we stored an information about data i.e called variable.

Or

A variable that can be stored information about data i.e called variable.

Javascript defined any variable start with var , let , const.

let :let is not called outside of scope or outside of any functions, access only inside of function.

var : var is called outside of scope or outside of any functions, access anywhere.

const : const is not change value

var a=10;

let a=20;

const b=30;