# JavaScript

* JavaScript is Scripting, programming, Server language

->JavaScript is a scripting or programming language that allows you to implement complex features on web pages

**.intro---**

4dec 1995 launched by Brendan Eich.

.Name given ---

* Mocha
* LiveScript
* javaScript
* ECMA Script

.HTML -> Js (we can used js with HTML that’s called internal js )

.JavaScript can be used by two method

1.internal…



2.external ….



.We have to link js file in HTML file for external js

Like….

****

.console, document- is an object

.log, write, alert- is a function

To declare variable ..

we can use ---

1. Const- it can not re-declare and re assign .

2. var-can re declare and re assign the variable.

3. let- can only be re assign

.used parseInt(prompt(“ enter any number”))

-used to take integer from user ,that will show pop in the document page (browser).

-parseInt convert string to integer.

Operator -- 3type

1. unary operator ( increment, decrement , negation,)
2. Binary operator(Arithmetic, Relation, Logical, Assignment =, +=, -=, /= )
3. Ternary operator ( Conditional Statement ? :)



Loops

1. do while loop (where we should run program at least on times)
2. While loop (where terminating value is not known)
3. For loop(where terminating value is known)
4. For in loop
5. For of loop ( to take one by one element from array)



1. For each loop

Function

- function is a block of code or set of instruction

- re-usability is the property of function

- function must have…

1. function declaration
2. Function defination
3. Function calling

--- function is two type…

1. pre defined
2. User defined

Object

.Nested object : we can use object inside object .

. We can use array inside object .

.we can use function inside object .and we can also pass argument inside function or we can use all to type of using function

.this(function) : refer to the data of (same) that object.



---> it will print the name (manish).



.for in Loop: used to fetch key of object or index of array.



---> it will print name, age,contact

. We can also fetch values of object using ob[variable].



---> it will print manish, 21, 532545.