



Learning JavaScript

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What is JavaScript?

Used to program the behavior of web pages
JavaScript was invented by Brendan Eich in 1995.

JavaScript code is inserted between <script> and </script> tags.

Javascript was developed by Netscape

JavaScript vs VBScript (Microsoft)

Javascript supports all browser, vbscript supports IE

Originally Sun Microsystem and now Oracle

First Program

```
let a=10; // line break also works
let b=20;
let c = a + b;
console.log(c);
```

Comments // and /*

```
let name='John';
    let age=20
/*
console.log(name)
*/
```

Printing using backtick

```
let n=2;  
let s = ` Price of an apple is ${n}`;  
document.write(s)
```

.....
Also called template literals....try multiline

Math Operators

Addition + (also concatenates string)

Subtraction -

Multiplication *

Division /

Remainder %

Exponentiation **

Comparison Operators

Operator	Description	Comparing	Returns
==	equal to	x == 8	FALSE
		x == 5	TRUE
		x == "5"	TRUE
====	equal value and equal type	x === 5	TRUE
		x === "5"	FALSE
!=	not equal	x != 8	TRUE
!==	not equal value or not equal type	x !== 5	FALSE
		x !== "5"	TRUE
		x !== 8	TRUE
>	greater than	x > 8	FALSE
<	less than	x < 8	TRUE
>=	greater than or equal to	x >= 8	FALSE
<=	less than or equal to	x <= 8	TRUE

Logical Operators

Logical NOT (!)

Logical AND (&&)

Logical OR (||)

Precedence of AND && is higher than OR ||

Conditional branching: if

```
let n = 7
if (n%2==0){
    console.log("Even Number")
}
else{
    console.log("Odd Number")
}
```