

## What is Scripting?

A script is program code that doesn't need pre-processing (e.g. compiling) before being run. In the context of a Web browser, scripting usually refers to program code written in JavaScript that is executed by the browser **when a page is loaded**, or **in response to an event triggered by the user**.

**Types of script:** Scripts are classified into the following two types.

- Client-side script
- Server-side script

### Client-side script:

- ☐ These scripts are getting executed within the web Browser (client).
  - ☐ Here we don't need any software.
  - ☐ These scripts are used for client-side validations (data verification & data validations)
- Ex:** JavaScript, VBScript, typescript etc...

### Server-side script:

- ☐ A script which executes in server machine with support of the web-server/app-server software's like **IIS**(Internet information services), Tomcat, JBOSS, etc.
  - ☐ These scripts are used for server-side validations (authentication & authorization).
- Ex:** php, jsp, asp.net, VueScript, Express Script, nodeJS, cgi, perl etc...

### What are the differences between script and language?

<u>Script</u>	<u>Language</u>
Weakly or loosely typed programming And lightweight	Strong or closely typed programming and HW
Easy to understand compare to PL	Complex to understand compare to Script
External libraries not required	Required
No special compiler required	Special compiler mandatory
Client side validation	Server/client side validation/verifications
Ex: JavaScript, VBScript, TypeScript, Perl, Shell etc.	Ex: C, CPP, vb.net, Java etc.

## JavaScript Introduction

✓ In 1995, JavaScript was created by a **Netscape(Mozilla)** developer named "Brendan Eich".

**Mocha(1995)** ☐ **LiveScript** ☐ **JavaScript(1997-dec)**

✓ **Netscape** first introduced a JavaScript interpreter in **Navigator2**.

## Why is it called JavaScript?

When JavaScript was created, it initially had another name: “LiveScript”. But Java was very popular at that time, so it was decided that positioning a new language as a “younger brother” of Java would help.

But as it evolved, JavaScript became a fully independent language with its own specification called ECMAScript, and now it has no relation to Java at all.

JS ⇌ ES

Later JavaScript became an **ECMA** (**European Computer Manufacturers Association Script**) standard in 1997. **ECMAScript** is the official name of the language.

✓ **JavaScript** is **implementation** of **ES**; **ES** is the **specification** of JavaScript.

RBI ⇌ SBI, HDFC, ICICI ⇌ customer

ES ⇌ JS ⇌ Programmer

□ JavaScript is a **Speed, light weight, Interoperability, Extended Functionality, dynamic, loosely typed, cross platform, free ware** and **open-source**.

**Speed** ⇌ js applications runs faster than...

**Light weight** ⇌ less code more operations

**Interoperability** ⇌ Javascript they have the capability to work within other web technologies.

**Ext Fun** ⇌ **lib** => **live** **stream**

**Dynamic typed** ⇌ w/o declaring vars we use can directly

**loosely typed** ⇌ defined any var in JS, that allows to store any type value

**cross platform** ⇌ cross platform compatible

□ Its single threaded programme

□ **JavaScript** is an object-based or **prototype-based** programming.

- OOPS

✓ JavaScript is client-side (browser-side) programming. That means it executes on the browser.

✓ It can also be used in server-side by using **Node, ASP, PHP**

✓ JavaScript is a case sensitive) programme (mixed case

✓ To work with JavaScript, we don't need to install any software.

✓ JavaScript is “interpreter-based” programming, means the code will be converted into machine language line-by-line. JavaScript interpreter is already **embedded in Browsers**.

#### **Parser:**

JS code (high) → JS parser → machine code

#### **JS Engine:**

V8 → Chrome, Edge and Opera

SpiderMonkey → Firefox

Chakra → IE

SquirrelFish → Safari

JS used → web dev, mobile app, gaming, animations, AI, networking app ...

To develop interactive web pages

To add some functionality to web pages

## Why we Use JavaScript?

Using HTML/CSS, we can only design a web page but it's not supported to perform logical operations **such as calculations, decision making and repetitive tasks, dynamically displaying output, reading inputs from the user, and updating content on webpage at client side.** Hence to perform these entire tasks at client side we need to use JavaScript.

## Where it is used?

There are so many web applications running on the web that are using JavaScript like Google, Facebook, twitter, amazon, YouTube etc.

**It is used to create interactive webpages.**

**Js used to add functionality to webpage**

It is mainly used for:

1. Client-side verifications and validations
2. Dynamic drop-down menus
3. Displaying date and time
4. Build forms that respond to user input without accessing a server.
5. Displaying popup windows and dialog boxes (like alert dialog box, confirm dialog box and prompt dialog box)
6. Manipulate HTML "layers" including hiding, moving, and allowing the user to drag them around a browser window.

**etc...**

**JS6 new ES**

## Limitations of JavaScript

**Client-Side JavaScript** has some limitations which are given below;

1. Client-side JavaScript does not allow reading and writing of files.
2. It doesn't have any multithreading or multiprocessing capabilities.
3. it doesn't support db connections.

## How many ways to imp js?

JS we can develop/imp in 3 ways, but in 4 places.

Those are:

- inline scripting
- internal scripting
- external scripting

### > inline scripting

inline script nothing but writing code within the tag, by using event/dynamic attributes  
for this we need tag & event attributes

onclick, onsubmit, onfocus, oninput, onload, etc..

Syn: **<tag event="js code" event="js" event="js">**

### >internal scripting

Internal script is nothing but html code and javascript code both are placed in the same file, but not in the same line.

Internal script must be implemented inside **<script>** tag, <script> is a paired tag.

#### > scripting in head sec

head is the first executed part of html, hence javascript is also executed first.

<head>

**<script type="text/javascript">**

**JS code**

**</script>**

</head>

#### > scripting in body sec

body level script is executed after head section

<body>

**<script type="text/javascript">**

**JS code**

**</script>**

</body>

### > external scripting

> external script is nothing but html code and javascript code designed in separate files

>type js code in sep file and save that file with "filename.js"

>re-use

>while writing an external script don't use **<script>** tag and event attribute.

Calling: fun-name();

External file Syn:

```
function fun-name()  
{  
  Steps  
}
```

-Fun

OR

```
{  
  Steps  
}
```

block

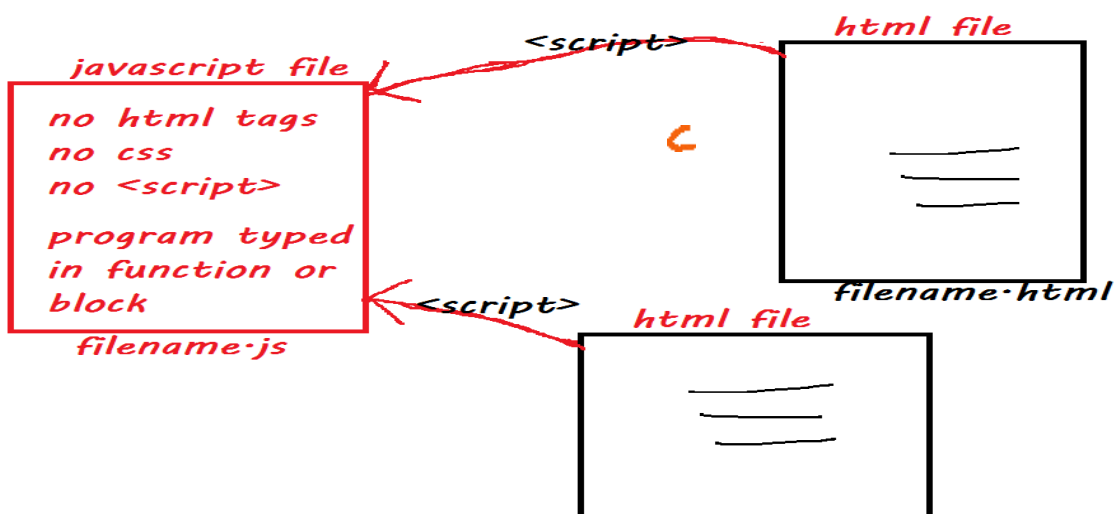
Note: external file should be saved with an extension ".js"

> we can access external script by using <script> tag from html.

> from either head nor body section

Syn:

```
<script src="filename.js"></script>
```



Code should be typed in the form of function/block/constructor/class

Function definition syn:

```
function fun-name()  
{  
  statements  
}
```

Calling Syn:

**fun-name();**  **html inline or internal**

## Comments in JavaScript

Comment is nothing but it is a statement which is not displayed on the browser window. It is useful to understand which code is written for what purpose.

Comments are useful in every programming language to deliver messages. It is used to add information about the code, warnings or suggestions so that the end user or other developer can easily interpret the code.

### Types of Comments:

There are two types of comments are in JavaScript

1. Single-line Comment                      ex: **// comment**
2. Multi-line Comment                      ex: **/\* comments \*/**

## **JS lib collection of reserved words, operators, functions, methods, classes and objects (implicit)**

**object** is an instance of class (copy of class)

**object is a collection of properties & methods**

**“window”** is the base object for all JS objects.

**“window”** object used for interacting with browser windows to perform some operations.

**“document”** is the sub object of the window.

**“document”** object used for interacting with web page/web documents to perform some operations.

Syn:              window.document      or      document

**“console”** is the sub object of window.

“console” object used for interacting with browsers console to perform some operations.

Syn:        window.console        or        console

**Press F12 key**

**“window” specifying is optional**

**Note:** window, document, console, history etc... are predefined/implicit objects

### **JS Printing methods**

**write() method:** The write() method writes HTML expressions or javascript code to a document without line breaking.

Syn:        **window.document.write(val1, val2, val3....);**

**writeln() method:** The writeln() method writes HTML expressions or javascript code to a document with line breaking.

Syn:        **window.document.writeln(val1, val2, val3....);**

**log() method:** The log() method writes HTML expressions or javascript code on browser's console (press **F12** key) with line break.

Syn:        **window.console.log(val1, val2, val3....);**

**JavaScript string with escape sequences:** An escape character consists of backslash "\" symbol with an alphabet. The following are frequently using escape characters.

1. \n : inserts a new line
2. \t : inserts a tab space
3. \r : carriage return



4. \b : backspace
5. \f : form feed
6. \' : single quote
7. \": double quote
8. \\ : Backslash

## JS Naming Conventions

JS => mixed case

- ⇒ Naming conventions means where we have to use uppercase and where we have to use lowercase
- ⇒ While working/using predefined items we must follow these guidelines.

class name ☐ TitleCase/Capitalize case

**ex:** Date, Array, NodeList,  
HTMLCollection, HTMLHeadElement

fun/method/variable ☐ 1st word is lowercase, rest of words(2-n) are TitleCase/Capitalize

**ex:**

**vars** ☐ length, value, innerText, textAlign  
**funcs** ☐ alert(), prompt(), parseInt(), setInterval()  
**methods** ☐ .write() .log()  
.getElementById()  
.querySelectorAll()

constants ☐ total name in uppercase

**Ex:** PI, EXP, SIZE

Reserved words ☐ total name in lowercase

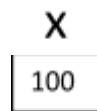
**Ex:** typeof, if, else, switch, var, let, const, for, new, this, ...

## JavaScript Reserved Words:

The following are reserved words in JavaScript. They cannot be used as JavaScript variables, functions, methods, loop labels, or any object names.

abstract, **boolean**, break, **byte**, case, catch, **char**, class, **const**, continue, debugger, default, delete, do, **double**, else, enum, export, extends, false, final, finally, **float**, for, function, goto, if, implements, import, instanceof, **int**, interface, **let**, **long**, native, new, null, package, private, protected, public, return, **short**, static, super, switch, synchronized, this, throw, throws, transient, true, try, typeof, **var**, void, volatile, while, with. 59

## Working with Variables



Variable is a reference name of a memory block.

*Variables are created or stored in RAM (stack area).*

Variables are used to store/to hold a value for reuse purpose and automatically substitute values in steps.

## How to declare a variable?

we can define vars in JS Three ways, those are:

> by using "**var**"

Syn: **var** varname;    ? declaration

OR

**var** varname=value;    ? initialization

> by using "**let**" (since js6)

Syn: **let** varname;

OR

**let** varname=value;

> by using "**const**" (since js6)

Syn: **const** varname=value; ? initialization

## Where do we declare variables?

We can declare variables in **open script tag** (global), within **function** (local) or within **block** (block level).

## Rules for variable naming

- Name should start with an alphabet (a to z or A to Z), underscore (\_), or dollar ( \$ ) sign.
- After the first character we can use digits (0 to 9).
- Variables are case sensitive. For example, a and A are different variables.
- Space is not allowed, means name should be a single word.
- Special chars (symbols) are not allowed in name, except \_ and \$.

**for example:**

var eid;	<del>var 1a;</del>
var total;	var a1;
var _b;	<del>var book id;</del>
<del>var a@;</del>	var studentid;
<del>var #b;</del>	<del>var case;</del>
var book_id;	var a\$1

## Loosely Typed

Java script did not provide any **data types** for declaring variables and a variable in javascript can store any type of value. Hence java script is **loosely typed**.

## dynamically typed

We can use a variable directly without declaring it in javascript, it's called **dynamic** typed programming.

Var	Let	Const
We use in function or global scope	We can in function scope	We can in function scope
Block scope not supported	Block scope supports	Block scope supports
Re assigning value	Re assigning value	Not supports re assigning value
Re declaration of variable supported	Not supports	Not supports
Since JS1	Since JS6	Since JS6
It supports Hoisting	Not supports	Not Supports

## Global Variable

var is declared within the script tag but outside function & block those are global variables.

These global variables are accessible from anywhere in the program.

Declared with a window object is known as a global variable.

## JavaScript datatypes:

In JavaScript data types are classified into the following two cat.

1. Primitive datatypes
2. Non-primitive datatypes

### Primitive data types

☐ PDT types allow storing data directly

### Non-PDT

☐ reference/address

☐PDT allow us to store only 1 value @time

☐ N values

☐Stack Area

☐ Heap Area

☐Not shareable

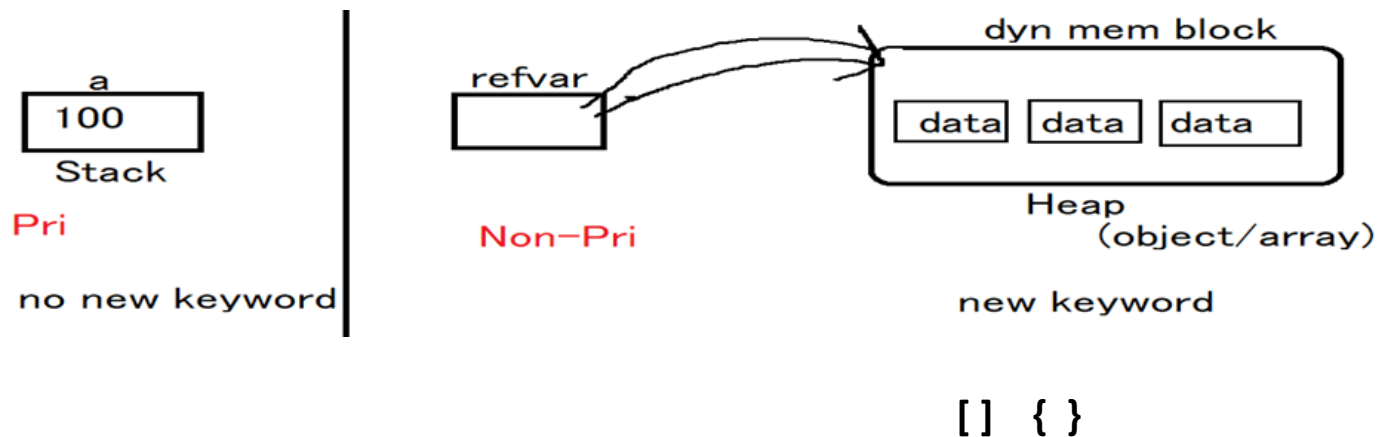
☐ Shareable

☐These are popularly known as non-reference

☐reference data type

☐predefined data types

☐ used defined dt



### Primitive data types:

string, number, boolean, undefined, null(object)

### Non-Primitive data types

Arrays, Class&object, functions

**Strings:** In javascript a String should be within a single or double quote.

```
var name="nit";
```

```
var name='nit';
```

**Number:** Javascript has only one type of numbers, they can be return with or without decimals

```
var x1=34.00; with decimals
```

```
var x2=34 without decimals
```

**Boolean:** It is used to represent a Boolean value, These are as follows.

var x = true //equivalent to true, yes or on

var y = false //equivalent to false, no or off

**undefined**: It is a value of variable with no value.

var x;        //now x is undefined

**Null**: variables can be emptied by setting the value to null.

ex: var x=null; //now x is null

### **typeof**

typeof is one of reversed word, it's used to identify datatype of a variable or value.

Syn:    **typeof** var-name

**typeof** value

**Non-primitive data types**: When a variable is declared with the keyword **new**, the variable is an object.

**new** is used for dynamic memory allocations (for creating objects and arrays).

these datatypes are also called as reference datatype.

**Ex:**

```
var st=newString();  
var x=newNumber();  
let y=newBoolean();  
let a = [ ];
```

here **LHS** are reference variables, and **RHS** are objects.

reference variables are storing address of dynamic memory (object)

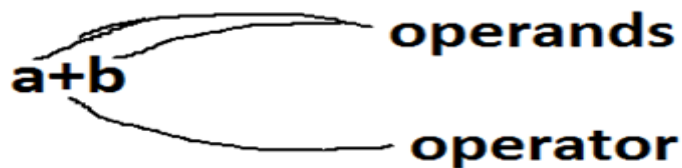
## JavaScript Operators

Operator is a symbol (special char) and it is used to perform certain operation (task).

Every operator is a symbol, but every symbol is not an operator.

Every operator requires some values, those are called operands.

**Ex:**



## Expression

Its combination of one operator and some operands

## Operator Categories

1. Unary ☐ it requires one operand

- increment
- decrement

2. Binary ☐ it requires two operands

- Arithmetic
- Relational
- Logical
- Assignment
- Concatenation

3. Ternary ☐ it requires three operands

- Conditional

**Arithmetic operators:** using these operators we can perform the basic math calculations.

Operators are + - \* / % \*\*

operators are:

<u>operator</u>	<u>Description</u>	<u>example</u>
+	addition	j+12
-	subtraction	j-22
*	multiplication	j*7
/	division	j/3
%	modulus	j%6
**	power	x**y x <sup>y</sup>

**relational operators:** these operators are used to provide comparison between two operands. These are boolean operators (true/false).

Operators are: > < >= <= == != === !==

<u>operator</u>	<u>Description</u>	<u>example</u>
==	is equal to	j==42
!=	is not equal to	j!=17
>	is greater than	j>0
<	is less than	j<100
>=	is greater than or equal to	j>=23
<=	is less than or equal to	j<=13
===		a===b
!==		a!==b



**Logical operators:** these operators are used to perform multiple comparisons @time. These are boolean operators (true/false).

Operators are: && || !

<u>operator</u>	<u>Description</u>	<u>example</u>
&&	And	j==1 && k==2
	OR	j<100    j>0
!	Not	!(j==k)

And			Or			Not	
Cond1	Cond2	Result	Cond1	Cond2	Result	Cond	Result
T	T	T	T	T	T	T	F
T	F	F	T	F	T	F	T
F	T	F	F	T	T		
F	F	F	F	F	F		

**assignment operators:** these operators are used to store/assign value to memory block (var/array/objects...)

Operator is =

Shorthand/compound operator is a combination of assignment and arith/bitwise.

Operators are: += -= /= \*= \*\*= &= |= >>= <<= ...

Total=total+price è total+=price

<u>operator</u>	<u>Description</u>	<u>example</u>
=	store	a=10
<b>shorthand:</b>		

+=	addition & assign	a+=10
-=	subtract & assign	a-=5
*=	product & assign	a*=20
/=	division & assign	a/=7
%=	modulus & assign	a%=6

**Concatenation operator:** this operator is used to concatenate multiple strings then formed into a single string. One operand should be string to perform concatenation. Resultant value comes in string format.

Operator is +

**Ex:** "rama"+"rao" ==> "ramarao"

"mangos"+123 ==> "mangos123"

true+"siva" è "truesiva"

**unary operators:** these operators are used to increment or to decrement a value. operators are ++ and --

++ (increment) ==> it adding 1 to an existing value **Ex:** a++ or ++a

-- (decrement) ==> it subtracting 1 from an existing value **Ex:** a-- or --a

**ternary operator:** this operator is used for decision **making** operations. operator is **?:**, this operator is also called a conditional **operator**.

**(condition) ? statement1 : statement2**

## Operator Precedence Table:

The operator precedence table can help one know the precedence of an operator relative to other operators.

Precedence	Operator	Description	Associativity
1	()	Grouping	–
2	.	Member	left to right
[]	Member	left to right	obj[“func”]
new	Create	–	new Date()
()	Function call	left to right	func()
3	++	Postfix increment	–
--	Postfix decrement	–	i–
4	++	Prefix increment	right to left
—	Prefix decrement	–i	
!	Logical NOT	!TRUE	
typeof	Type	typeof a	
5	**	Exponentiation	right to left
6	*	Multiplication	left to right
/	Division	18/9	
%	Remainder	4%2	
7	+	Addition	left to right
–	Subtraction	4-2	
8	<<	Left shift	left to right
>>	Right shift	y>>2	
>>>	Unsigned Right shift	y>>>2	
9	<	Less than	left to right
<=	Less than or equal	3<=4	

>	Greater than	$4 > 3$	
>=	Greater than or equal	$4 \geq 3$	
in	In	“PI” in MATH	
instanceof	Instance of	A instanceof B	
10	==	Equality	left to right
!=	Inequality	$x \neq y$	
===	Strictly equal	$x === y$	
!==	Strictly unequal	$x !== y$	
11	&	Bitwise AND	left to right
12	^	Bitwise XOR	left to right
13		Bitwise OR	left to right
14	&&	Logical AND	left to right
15		Logical OR	left to right
16	? :	Conditional	right to left
17		Assignment	right to left
+=	$x += 3$		
--	$x -= 3$		
*=	$x *= 3$		
/=	$x /= 3$		
%=	$x \% = 3$		
<<=	$x << = 2$		
>>=	$x >> = 2$		
>>>=	$x >>> = 2$		
&=	$x \& = y$		
^=	$x \wedge = y$		
=	$x   = y$		

18	,	Comma	left to right
----	---	-------	---------------

## JavaScript dialog boxes:

JavaScript has 3 kinds of dialog boxes.

1. Alert box
2. Confirm box
3. Prompt box

### **Alert box:**

An alert box is often used if you want to make sure information comes through the user. When an alert box pops up, the user will have to click "ok" to proceed.

**Syn:** `window.alert("message"/expr);`

### **Confirm box:**

It is often used, if you want the user to verify and accept something. When a confirm box pops up, the user will have to click either "ok" or "cancel" to proceed. If the user clicks "**ok**" the box returns "**true**". If the user clicks "**cancel**" the box returns "**false**".

**Syntax:** `var = window.confirm("message");`

### **Prompt Box:**

It is used to, if you want the user to input a value while entering a page. When a prompt box pops up the user will have to click either "**ok**" or "**cancel**" to proceed after entering an input value. If the user clicks "ok" the box returns the **value/empty**. If the user clicks "cancel" the box returns "**null**".

**Syntax:** `window.prompt("sometext", defaultvalue);`

## Data è static data

- While designing of program we are assigning values to vars
- This given by programmer
- This always same, means not changing the data execution to execution

## è Dynamic

- While execute of program(after webpage open) assigning values to vars
- This given by user
- This always changing, means data changing the data execution to execution
- We can take the data from user, in two ways:
  - § Html input elements (UI/html forms)
  - § Prompt dialog

## Note:

These 3 methods do not support html tags.

## Auto parsing

Subtract's, product's, div's, ++

## parseInt()

predefined function of window

string based int converts into integer format

Syn: **window.parseInt("value")**

"100"     ?     100

"10.78"     ?     10

"rama"     ?     NaN (Not a Number)

## parseFloat()

predefined function of window

string based float converts into floating type

Syn: **window.parseFloat("value")**

"100"      => 100

"10.78"    => 10.78

"rama"     => NaN (Not a Numeric)

**Note:** both are global functions

## Parse operator

⌕+ is parse operator

⌕ Unary operator, use only left side (prefix)

Syn:-      +"value"   or   +variable

        +"10"   ⌕ 10

        +"10.56" ⌕ 10.56

        +"ram" ⌕ NaN

## Control Statement

Control statements are used to control (change) execution order of a program based on user input data.

Types:

> Conditional statements   ⌕ if, Switch

> Loops (iterations)    for, while, do while

> Unconditional (branching)    break, continue, and return

## Conditional Statements:

### If Statement

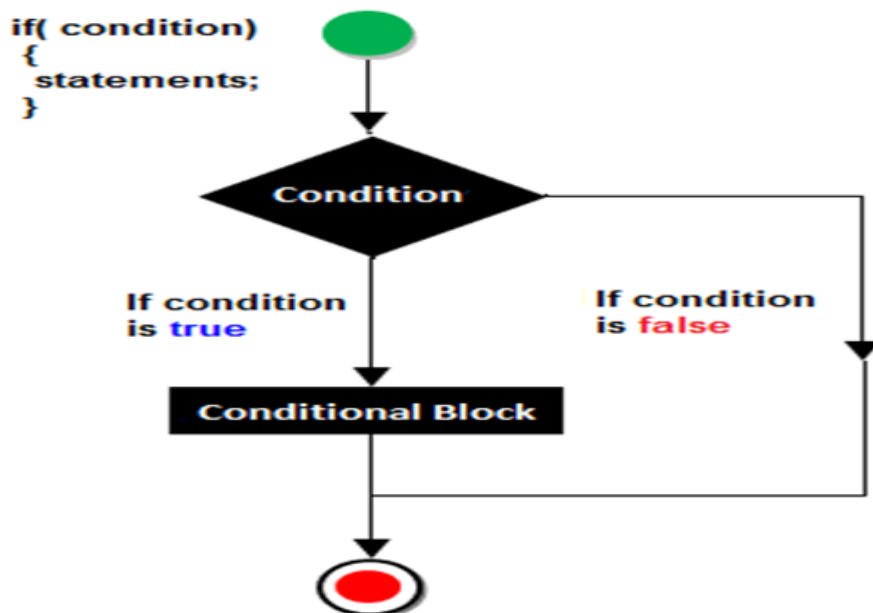
The if statement is used to perform decision making operations. Means if the condition is true, it executes some statements. If the condition is false, it executes some other statements.

There are three forms of if statements.

- simple if
- If else
- if else if (ladder if)

### If statement

if is the most basic statement of Decision-making statements. It tells the program to execute a certain part of code only if a particular condition or test case is true.



Example

<script>

var a=10;

if(a>5)

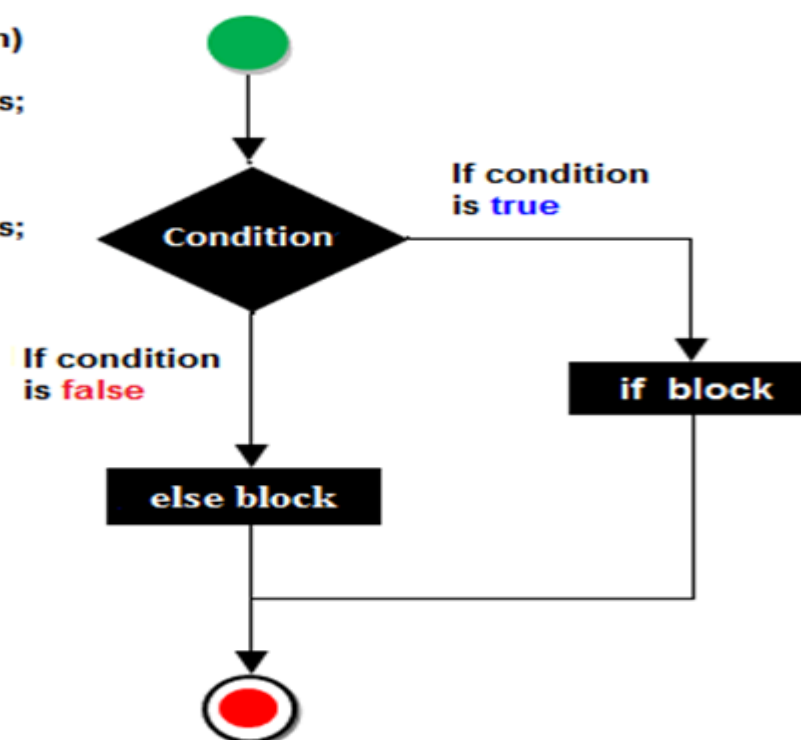


```
{  
document.write("value of a is greater than 5");  
}  
</script>
```

## if-else statement

In general, it can be used to execute one block of statements among two blocks.

```
if( condition)  
{  
  statements;  
}  
else  
{  
  statements;  
}
```



## Example of ifelse statement

```
<script>  
  
var a=40;  
  
if(a%2==0)  
{  
document.write("a is even number");  
}
```

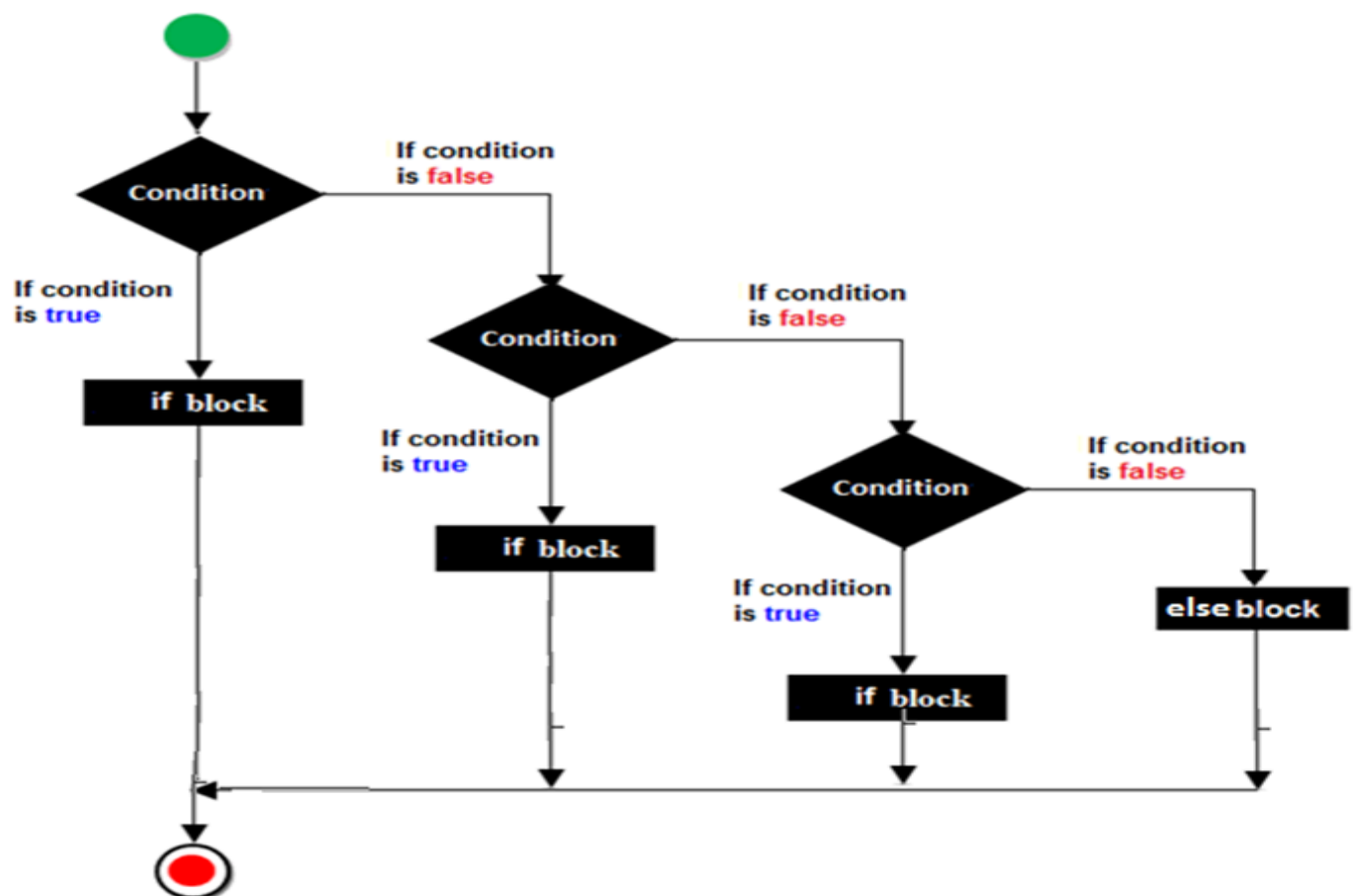
```
else{  
  
document.write("a is odd number");  
  
}  
  
</script>
```

Result

a is even number

## JavaScript If...else if statement

It evaluates the content only if the expression is true from several expressions.



## Syntax

```
if(expression1)
```

```
{
```

```
//content to be evaluated if expression1 is true
```

```
}  
  
else  
  
if(expression2)  
  
{  
  
//content to be evaluated if expression2 is true  
  
}  
  
else  
  
{  
  
//content to be evaluated if no expression is true  
  
}
```

#### Example of if..else if statement

```
<script>  
  
var a=40;  
  
if(a==20)  
  
{  
  
document.write("a is equal to 20");  
  
}  
  
else if(a==5)  
  
{  
  
document.write("a is equal to 5");  
  
}  
  
else if(a==30)  
  
{  
  
document.write("a is equal to 30");
```

```
}  
  
else  
  
{  
  
document.write("a is not equal to 20, 5 or 30");  
  
}  
  
</script>
```

## switch statement

> switch is a selection statement, but it's not decision making.

> its better performance.

Syn:

```
switch(var/expr)  
{  
    case value: statements...  
                break;  
    case value: statements...  
                break;  
    case ...  
    default: statements...  
}
```

## Looping Statements

Set of instructions given to the interpreter to execute until the condition becomes false is called loops. The basic purpose of the loop is min code repetition.

The way of the repetition will be forming a circle that's why repetition statements are called loops. Some loops are available In JavaScript which are given below.

- while loop (top testing/entry level)
- for loop
- do-while (bottom testing/exit level)

**Initval**    ? where the loop starts/begins

**Condition**    ? where the loop ends

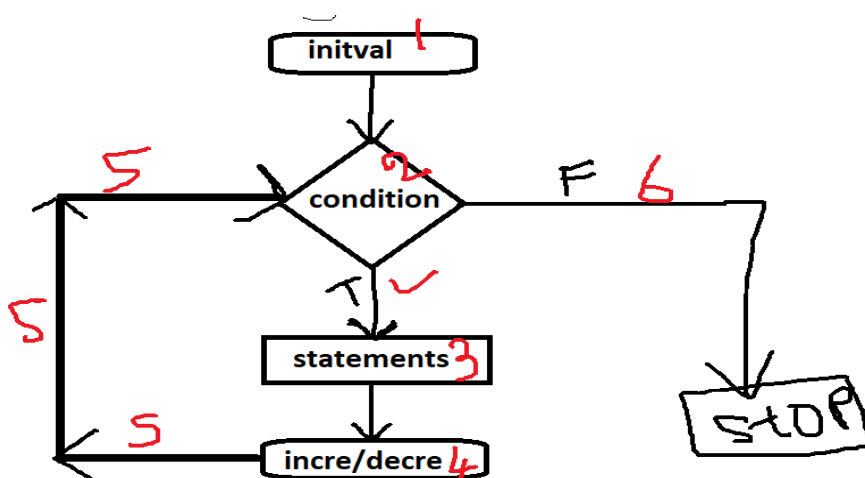
**Stepping**    ? loop updater

### while loop

When we are working with “while loop” always pre-checking process will be occurred. Pre-checking process means before evolution of statement block condition part will be executed. “While loop” will repeat in clockwise direction or anticlockwise direction.

**Syn:-**

```
initval;
while(condition)
{
    Statements
    Stepping
}
```



1 => 2 => 3 => 4 => 5

2 => 3 => 4 => 5

.....

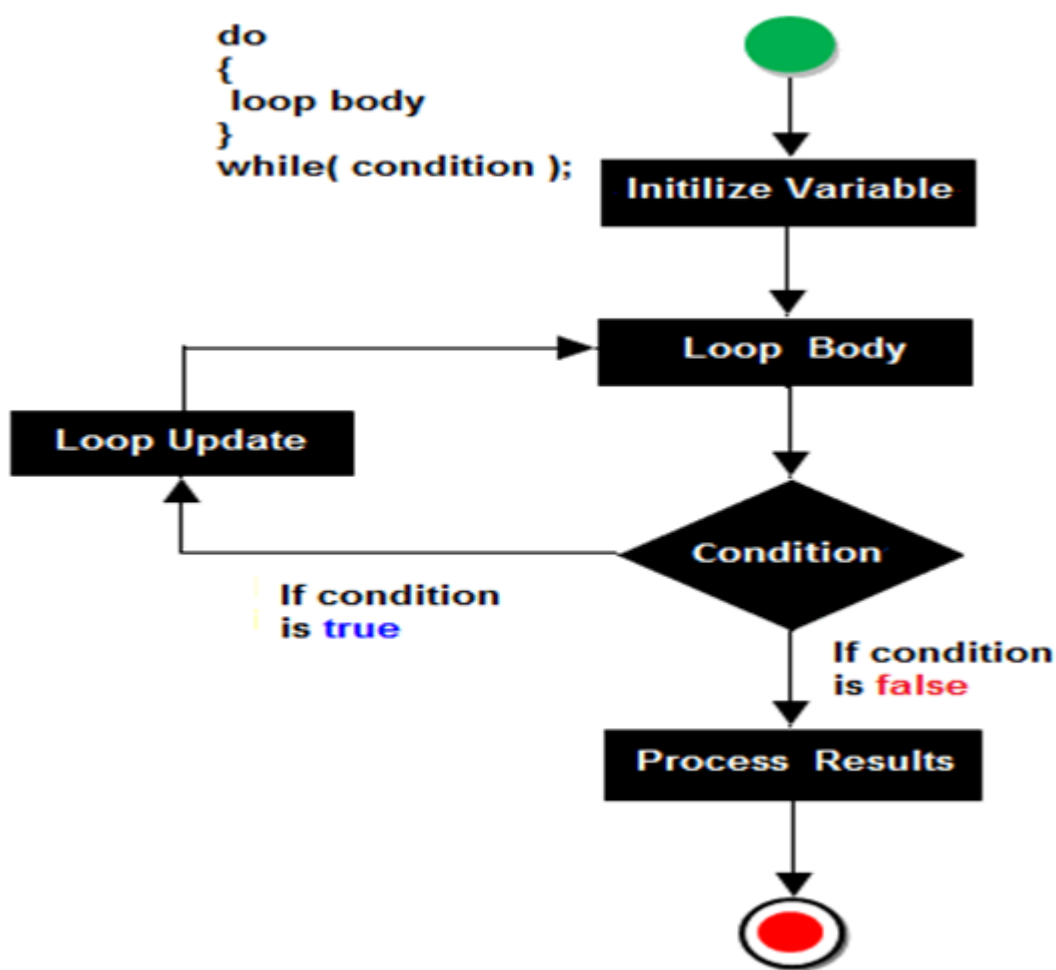
2 => 3 => 4 => 5 => 6

### Example of while loop

```
<script>  
  
var i=10;  
  
while (i<=13)  
  
{  
  
document.write(i + "<br/>");  
  
i++;  
  
}  
  
</script>
```

### **do-while loop**

In implementation when we need to repeat the statement block at least 1 then go for do-while. In the do-while loop post checking of the statement block condition part will be executed.



### Example of do-while loop

<script>

var i=11;

do{

document.write(i + "<br/>");

i++;

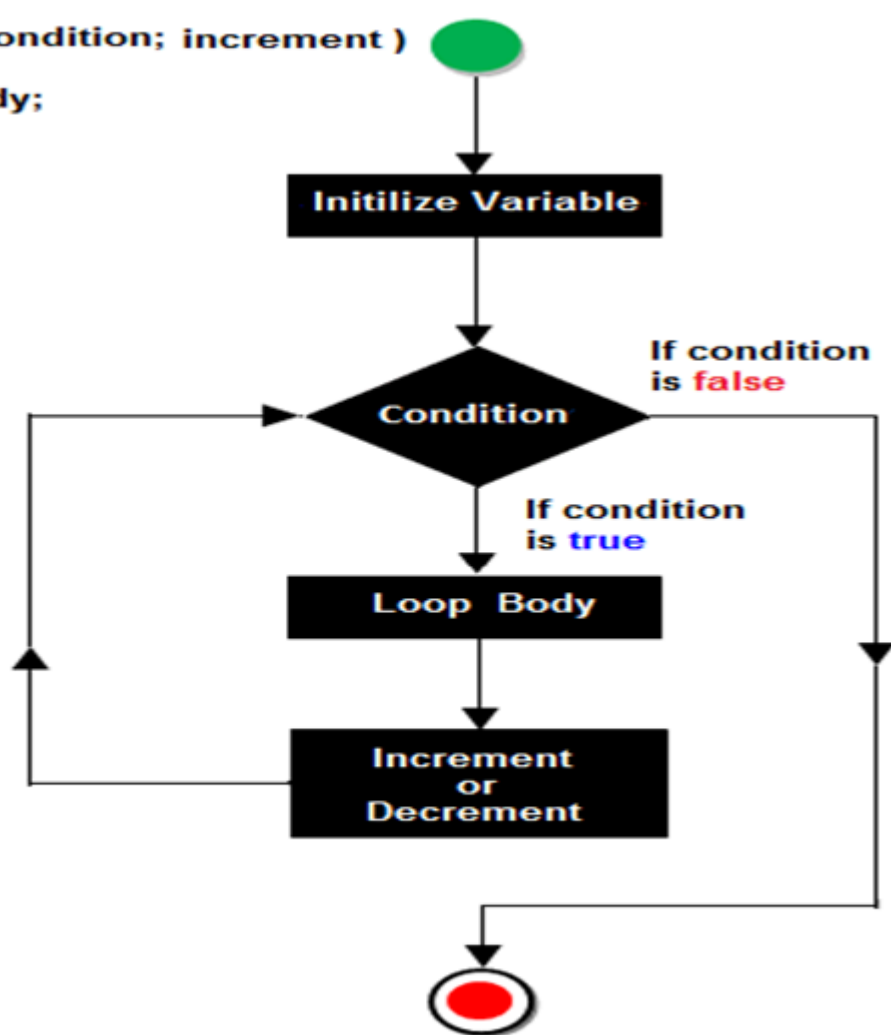
}while (i<=15);

</script>

### for Loop

For loop is a simplest loop first we initialized the value then check condition and then increment and decrements occurred.

```
for( init; condition; increment )  
{  
    loop body;  
}
```



### Steps of for loop

**for( a = 5; a <= 10; a++ )**

**Initilization**      **Condition**      **Increment (++) or Decrement (--)**

### Example of for loop

<script>

for (i=1; i<=5; i++)

{

document.write(i + "<br/>")

}

</script>



## Unconditional statements

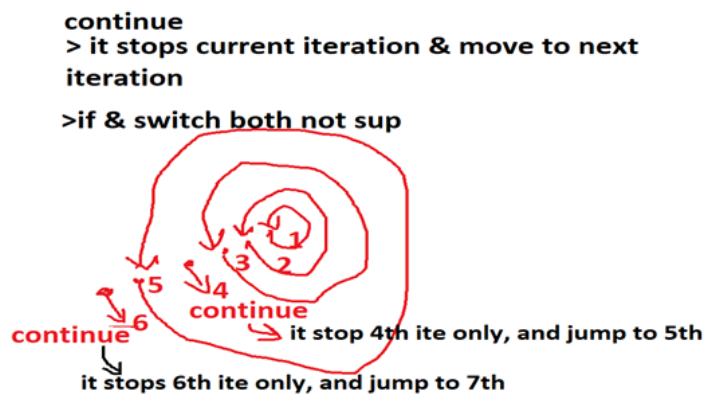
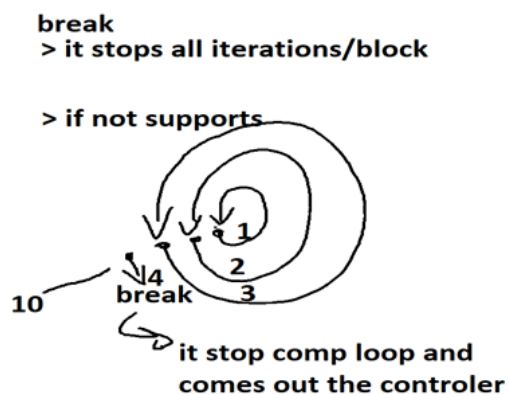
These are used to jump/skip statements execution

Types:

Ø break

Ø continue

Ø return



**<noscript> tag:** It is used to provide an alternate container for users when script is disabled or not supported, It is a paired tag. It is always declared within the body section.

syntax: <noscript>-----</noscript>

ex:

<head>

<script type='text/javascript'>

alert("welcome to js");

</script>

</head>

<body>

<noscript>

<p style='color:red'>oops your browser not supporting javascript  
update/change the script settings and try..</p>

</noscript>

</body>