

⑤ Logical operators

$d = (x >= y) \&\& (z != u); \rightarrow \text{false}$
AND

$d = (x >= y) \|\| (z != u); \rightarrow \text{true}$
OR

$d = !(x >= y) \&\& (z != u); \rightarrow \text{false}$
NOT

will reverse the output.

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JS - Day - 04.

Statements:-

- There are two types of statement.

1. Decision Making Statements:

- If the condition is true, will execute
- if, if else, nested if else, switch case

② Loop statements:

- until the condition gets false; the set of statements will be executed.
- while, do while and for
(additionally we have Map and foreach also).
- In Javascript, the values: 0, null, false - are considered as false.

Syntax let num1 = 0;
if (num1) {
.....
}
else {
.....
}

Syntax let name = "Anand";
if (name == "Anand") {
.....
}
else {
.....
}

nested if else syntax.

let num2 = 100;

if (num2 < 200) {

if (num2 == 150) {

if (num2 < 100) {

}

else if (num2 == 50) {

}

else {

}

Switch Case :-

```
let productName = "hp";  
switch (productName) {
```

```
  case "dell":
```

```
    break;
```

```
  case "acer":
```

```
    break;
```

```
  case "lenovo":
```

```
    break;
```

```
  default:
```

```
    break;
```

```
}
```

~~any~~

nek bar
sahi Ans.
Mile gaya
tho phir
break hokar
block a
bahar aa
jayega

Loop Statement

→ If you want to show atleast 1 statement
in next case use do while.

```
let a = 2;
```

```
do {
```

```
  a++;
```

```
}  
while (condition)
```

System
for
do
while

→ for loop { we already know }
→ while loop

General ques.

Que 1. what are the different data types present in javascript?

Ans: (1) primitive :- strings, numbers, boolean, null, undefined, symbol.
(2) non primitive :- array, objects, functions, dates

Que 2 with Answer:-

Javascript is a dynamically typed language.

Que 3 what is DOM?

Ans:- document object model.