

Switch Statement

switch statement is also used to check conditions in JavaScript like [if else](#) . Instead of using multiple if else, we can use **switch** operator to check conditions as switch is faster in execution than if-else.

How to use switch in javascript

Like other programming languages, **switch** is used in Javascript to test conditions. The comparing value is placed inside **switch** parentheses, after **switch operator**. Inside switch curly brackets, **case** keyword is used to test possible cases for switch value. After each **case** statement, the code that need to be run if that case is matched.

Break

After each case block, it is important to finish case with **break** keyword. The **break** keyword will stop any other case blocks being executed.

Default

default is used to show default output if all cases are failed.

Switch Example

```
switch(x){  
  case "1": output; break;  
  case "2": output; break;  
  default : output; break;  
}
```

```
var x=1;  
switch(x){  
  case 1 : alert("Its One"); break;  
  case 2 : alert("Its Two"); break;  
  case 3 : alert("Its Three"); break;
```

```
case 4 : alert("Its Four"); break;
case 5 : alert("Its Five"); break;
case 6 : alert("Its six"); break;
case 7 : alert("Its seven"); break;
default : alert("Invalid No);
}
```

Check

Switch Case Example

Check month name by using number.

Enter Month: (in number): Check

```
var month=n; // from input above

switch(month){
case "1" : alert("Its Jan"); break;
case "2" : alert("Its Feb"); break;
case "3" : alert("Its Mar"); break;
case "4" : alert("Its Apr"); break;
case "5" : alert("Its May"); break;
case "6" : alert("Its June"); break;
case "7" : alert("Its July"); break;
case "8" : alert("Its Aug"); break;
case "9" : alert("Its Sept"); break;
case "10" : alert("Its Oct"); break;
case "11" : alert("Its Nov"); break;
case "12" : alert("Its Dec"); break;
default : alert("invalid month");
}
```

Multiple Cases

Multiple Cases can also be used inside switch. Instead of writing same case again and again, it's better to use **Multiple cases**. Here is an example

```
var data=3;

switch(data){

case 1: case 3: case 5: console.log("odd no"); break;
case 2: case 4: case 6: console.log("even no"); break;
default: console.log("no not in range");

}
```
