

What is the difference between if and switch in js?

1- IF Syntax:

```
if (condition1) { //Body of if }  
else { //default if all conditions return false }
```

- IF statements checks of condition is true or false. And for checking multiple conditions we need to use nesting if statement inside another.
- The expression inside of an if statement decides whether to execute the statements inside the if block or under the else block.
- The if statement evaluates integer, character, pointer or floating-point type or boolean type.
- Sequence of execution is like either statement under if block will execute or statements under else block statement will execute.
- If the expression inside of the if turn outs to be false, the statement inside of the else block will be executed.

2- Switch Syntax

```
switch ( variable )  
{case <variable value1>: //Do Something  
break;  
case <variable value2>://Do Something  
break;  
default: //Default will perform if all case's fail  
break;}
```

- Switch statement performs if the condition is similar to the exact case we define in the statement. And for checking multiple conditions we don't need any nesting and we just define each case we want.
- For switch, the expression inside switch statement decides which case to execute.
- Switch statement evaluates only character or an integer datatype.
- Switch statement decides which case to execute and if you do not apply a break statement after each case it will execute till the end of switch statement.
- If the expression inside of the switch statement turns out to be false then the default statements are executed.