

Switch Case command in JavaScript

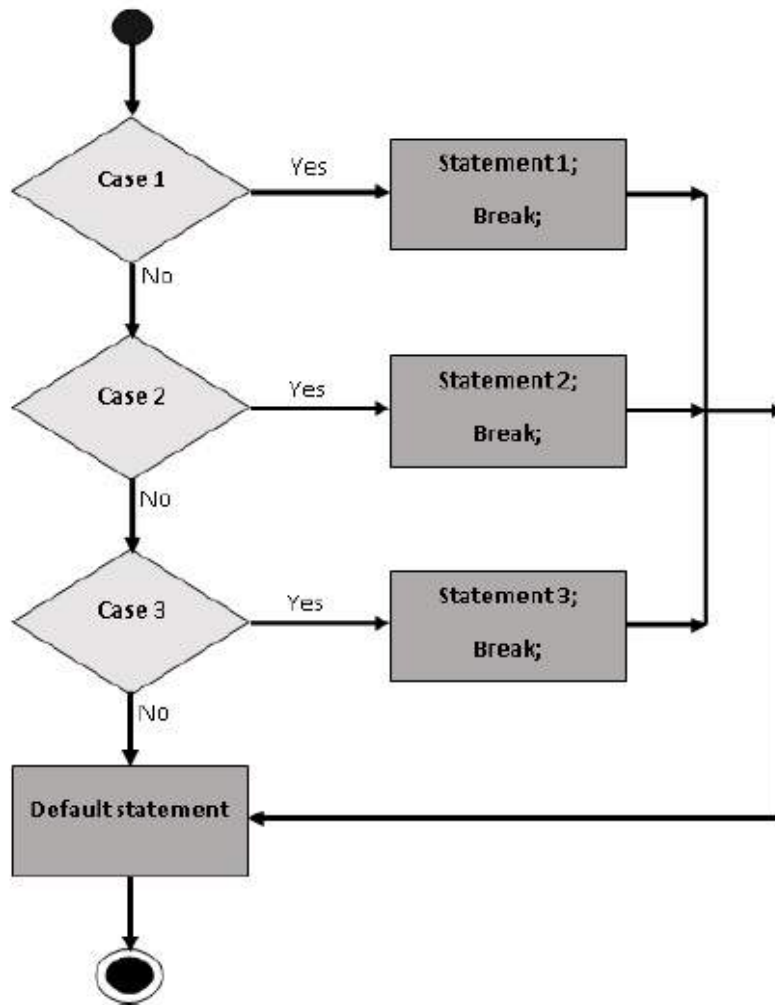
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You can use multiple **if . else . if statements** as in the previous post to make a branch of multiple choices. However, it is not always the best solution, especially when all branches depend on the value of a single variable.

Starting with JavaScript 1.2, you can use a **switch** command to correctly handle this situation, and it's actually more efficient than repeating **if . else if statements** .

Implementation diagram

The following diagram explains the switch-case command to work:



Syntax

The goal of a **switch** command is to provide an expression to estimate and several different commands to execute on the value of the expression. The interpreter checks each **case** - **the case** with the value of the expression until a match is found. If there is no match, a **default** condition - will be used by **default** .

```
switch ( expression ) { case condition 1 : statement ( s ) break ; case con
```

Break command instructs the end of each specific case. If they are omitted, the interpreter will continue to execute each instruction in each of the following cases.

We will discuss the break command in the *Loop control* chapter.

For example

Try the following example to execute the switch-case command

Set the variable to different value and then try.

Result:

```
Entering block switch
Good job
Block Exiting switch
??t bi?n vào giá tr? khác nhau và th? th? .
```

Break commands play an important role in switch-case commands. Try the following code using the switch-case command without any break commands.

Set the variable to different value and then try.

Result:

```
Entering block switch
Good job
Pretty good
Passed
Not so good
Failed
Unknown grade
Block Exiting switch
??t bi?n vào giá tr? khác nhau và th? th? .
```

According to Tutorialspoint

Previous lesson: [if . else command in JavaScript](#)

Next: [The while loop in JavaScript](#)

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