**Step 6.**

**Switch**

But what if you need to test for multiple conditions? In those cases, writing **if else** statements for each condition might not be the best solution.  
  
Instead, we can use the **switch**statement to perform different actions based on different conditions.  
  
Here's what that looks like:

**switch** (expression) {   
**case** n1:   
statements   
**break**;   
**case** n2:   
statements   
**break**;   
**default**:   
statements   
}

The switch expression is evaluated once. The value of the expression is compared with the values of each **case**, and if there’s a match, that block of code is executed.

**Heads up!**  
You can achieve the same result with multiple if...else statements, but the switch statement is more effective in such situations.

**The switch Statement**

Let's look at another example:

var day = 2;   
switch (day) {   
case 1:   
document.write("Monday");   
**break;**   
case 2:   
document.write("Tuesday");   
**break;**   
case 3:   
document.write("Wednesday");   
**break;**   
default:   
document.write("Another day");   
}

Simple, right?

**Heads up!**  
You can have as many **case**statements as you need.

**The break Keyword**

So we have learned that the switch statement tests a code block, but we won't always want it to test the whole block. The **break**keyword essentially switches the switch statement off.  
  
Breaking out of the switch block stops the execution of more code and case testing inside the block.

**Heads up!**  
Usually, a **break**should be put in each case statement.

**The default Keyword**

Often there will be no match, but we still need the program to output something...for this we use the **default**keyword, which specifies the code to run if there’s no case match.  
  
**Like this:**

var color ="**yellow**";   
switch(color) {   
case "blue":   
document.write("This is blue.");   
break;   
case "red":   
document.write("This is red.");   
break;   
case "green":   
document.write("This is green.");   
break;   
case "orange":   
document.write("This is orange.");   
break;   
**default**:   
document.write("Color not found.");   
}

**Heads up!**  
The default block can be omitted, if there is no need to handle the case when no match is found.