JavaScript Break and Continue

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The `break` statement "jumps out" of a loop.

The `continue` statement "jumps over" one iteration in the loop.

The Break Statement

You have already seen the `break` statement used in an earlier chapter of this tutorial. It was used to "jump out" of a `switch()` statement.

The `break` statement can also be used to jump out of a loop.

The `break` statement breaks the loop and continues executing the code after the loop (if any):

Example

```
for (i = 0; i < 10; i++) {
  if (i === 3) { break; }
  text += "The number is " + i + "<br>";
}
```

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The Continue Statement

The `continue` statement breaks one iteration (in the loop), if a specified condition occurs, and continues with the next iteration in the loop.

This example skips the value of 3:

Example

```
for (i = 0; i < 10; i++) {
  if (i === 3) { continue; }
  text += "The number is " + i + "<br>";
}
```

Try it Yourself »

JavaScript Labels

To label JavaScript statements you precede the statements with a label name and a colon:

```
label:
statements
```

The `break` and the `continue` statements are the only JavaScript statements that can "jump out of" a code block.

Syntax:

```
break labelname;

continue labelname;
```

The `continue` statement (with or without a label reference) can only be used to **skip one loop iteration**.

The `break` statement, without a label reference, can only be used to **jump out of a loop or a switch**.

With a label reference, the break statement can be used to **jump out of any code block**:

Example

```
var cars = ["BMW", "Volvo", "Saab", "Ford"];
list: {
  text += cars[0] + "<br>";
  text += cars[1] + "<br>";
  break list;
  text += cars[2] + "<br>";
  text += cars[3] + "<br>";
}
```

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A code block is a block of code between { and }.

Test Yourself With Exercises

Exercise:

Make the loop stop when `i` is 5.

```
for (i = 0; i < 10; i++) {
  console.log(i);
  if (i == 5) {
        ;
  }
}
```

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Start the Exercise

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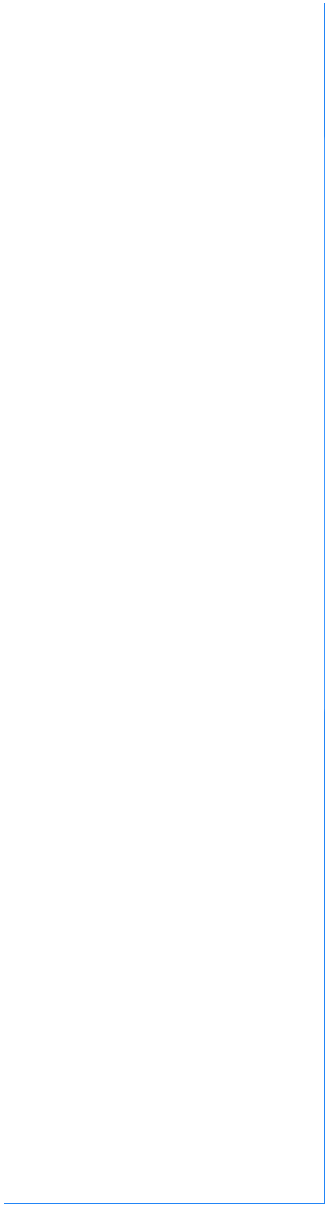

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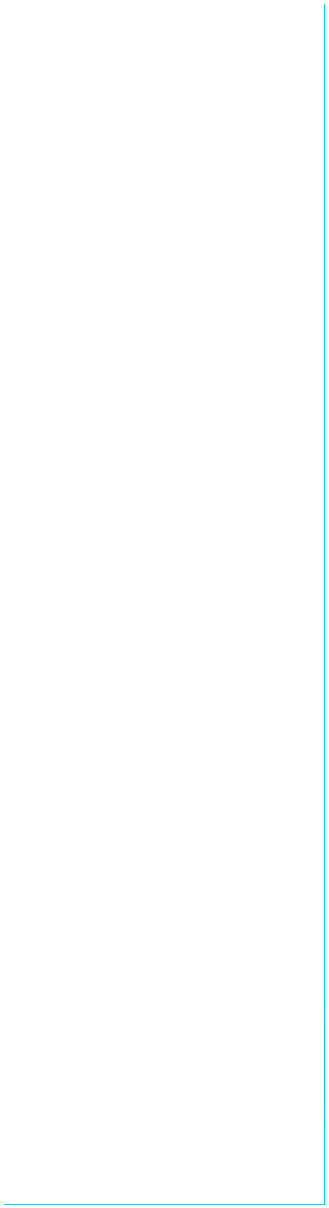

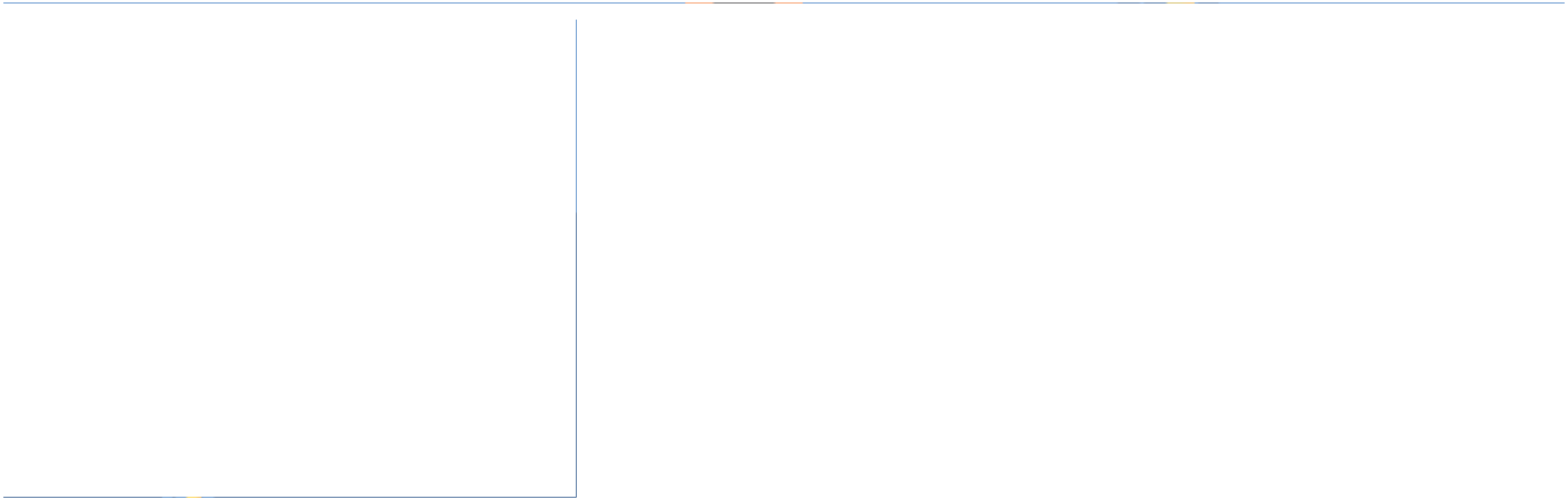

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