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THE WORLD'S LARGEST WEB DEVELOPER SITE

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JavaScript If...Else Statements

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Conditional statements are used to perform different actions based on different conditions.

Conditional Statements

Very often when you write code, you want to perform different actions for different decisions.

You can use conditional statements in your code to do this.

In JavaScript we have the following conditional statements:

- Use **if** to specify a block of code to be executed, if a specified condition is true
- Use **else** to specify a block of code to be executed, if the same condition is false
- Use **else if** to specify a new condition to test, if the first condition is false
- Use **switch** to specify many alternative blocks of code to be executed

The if Statement

Use the **if** statement to specify a block of JavaScript code to be executed if a condition is true.

Syntax

```
if (condition) {
    block of code to be executed if the condition is true
}
```

Note that **if** is in lowercase letters. Uppercase letters (If or IF) will generate a JavaScript error.

Example

Make a "Good day" greeting if the hour is less than 18:00:

```
if (hour < 18) {
```
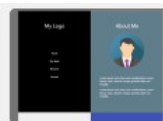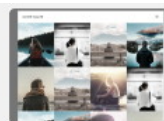
```
    greeting = "Good day";
}
```

The result of greeting will be:

```
Good day
```

Try it Yourself »

Website Templates

The else Statement

Use the **else** statement to specify a block of code to be executed if the condition is false.

```
if (condition) {
    block of code to be executed if the condition is true
} else {
    block of code to be executed if the condition is false
}
```

Example

If the hour is less than 18, create a "Good day" greeting, otherwise "Good evening":

```
if (hour < 18) {
    greeting = "Good day";
} else {
    greeting = "Good evening";
}
```

The result of greeting will be:

```
Good day
```

Try it Yourself »

The else if Statement

Use the **else if** statement to specify a new condition if the first condition is false.

Syntax

```
if (condition1) {
    block of code to be executed if condition1 is true
} else if (condition2) {
    block of code to be executed if the condition1 is false and condition2 is true
} else {
    block of code to be executed if the condition1 is false and condition2 is false
}
```

Example

If time is less than 10:00, create a "Good morning" greeting, if not, but time is less than 20:00, create a "Good day" greeting, otherwise a "Good evening":

```javascript
if (time < 10) {
    greeting = "Good morning";
} else if (time < 20) {
    greeting = "Good day";
} else {
    greeting = "Good evening";
}
```

The result of greeting will be:

```
Good day
```

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More Examples

Random link
This example will write a link to either W3Schools or to the World Wildlife Foundation (WWF). By using a random number, there is a 50% chance for each of the links.

Test Yourself with Exercises!

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