

JavaScript Conditions

- description : JavaScript if else and else if
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[JavaScript if else and else if](#)

(Conditional Statements)

Conditional Statements

JavaScript

- `if`
- `else`
- `else if`
- `switch`

```
'switch'
```

The if Statement

true

JavaScript

if

Syntax

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

if (If IF) JavaScript

Example

18:00 "Good day"

```
<!DOCTYPE html>
<html>
<body>
  <p>Display "Good day!" if the hour is less than 18:00:</p>
  <p id="demo">Good Evening!</p>
  <script>
    if (new Date().getHours() < 18) {
      document.getElementById("demo").innerHTML = "Good day!";
    }
  </script>
</body>
</html>
```

The else Statement

else

Syntax

```
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

18 "Good day", "Good evening"

```
<!DOCTYPE html>
<html>
<body>
  <p>Click the button to display a time-based greeting:</p>
  <button onclick="myFunction()">Try it</button>
  <p id="demo"></p>
  <script>
    function myFunction() {
```

```

var hour = new Date().getHours();
var greeting;
if (hour < 18) {
  greeting = "Good day";
} else {
  greeting = "Good evening";
}
document.getElementById("demo").innerHTML = greeting;
}
</script>
</body>
</html>

```

The else if Statement

if (condition01) {
 // block of code to be executed if the condition01 is true
} else if (condition02) {
 // block of code to be executed if the condition01 is false and
 condition02 is true
} else {
 // block of code to be executed if the condition01 is false and
 condition02 is false
}

Syntax

```

if (condition01) {
  // block of code to be executed if the condition01 is true
} else if (condition02) {
  // block of code to be executed if the condition01 is false and
  condition02 is true
} else {
  // block of code to be executed if the condition01 is false and
  condition02 is false
}

```

Example

```

10:00 "Good morning"
20:00 "Good day"
"Good Evening"

```

```

<!DOCTYPE html>
<html>
<body>
  <p>Click the button to display a time-based greeting:</p>
  <button onclick="myFunction()">Try it</button>
  <p id="demo"></p>
  <script>
    function myFunction() {
      var greeting;

```

```
var time = new Date().getHours();
if (time < 10) {
  greeting = "Good morning";
} else if (time < 20) {
  greeting = "Good day";
} else {
  greeting = "Good evening";
}
document.getElementById("demo").innerHTML = greeting;
}
</script>
</body>
</html>
```

More Examples

W3Schools WWF (World Wildlife Foundation)
(random number) 50 %

```
if (Math.random() < 0.5) {
  text = "<a href='https://w3schools.com'>Visit W3Schools</a>";
} else {
  text = "<a href='https://wwf.org'>Visit WWF</a>";
}
document.getElementById("demo").innerHTML = text;
```

, [Javascript](#), [Conditions](#), [if](#), [else](#), [and](#), [else, if](#)

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