

METHODS IN JAVASCRIPT

Introduction of JavaScript Methods

JavaScript methods are actions that can be performed on objects.

Property	Value
firstName	John
lastName	Doe
age	50
eyeColor	blue
fullName	function() {return this.firstName + " " + this.lastName;}

A JavaScript **method** is a property containing a **function definition**.

Accessing Object Methods

You access an object method with the following syntax:

objectName.methodName()

You will typically describe `fullName()` as a method of the person object, and `fullName` as a property.

The `fullName` property will execute (as a function) when it is invoked with `()`.

This example accesses the `fullName()` **method** of a person object:

Example

```
name = person.fullName();
```

If you access the `fullName` **property**, without `()`, it will return the **function definition**:

Example

```
name = person.fullName;
```

Adding a Method to an Object

Adding a new method to an object is easy:

Example

```
person.name = function () {  
  return this.firstName + " " + this.lastName;  
};
```

Using Built-In Methods

This example uses the `toUpperCase()` method of the String object, to convert a text to uppercase:

```
let message = "Hello world!";  
let x = message.toUpperCase();
```

The value of `x`, after execution of the code above will be:

HELLO WORLD!

Example

```
person.name = function () {  
  return (this.firstName + " " + this.lastName).toUpperCase();  
};
```