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# **Javascript Objects**

```
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```

### The source of this article

**Javascript Object Constructors** 

```
// Constructor function for Person Objects
function Person(first, last, age, eye) {
   this.firstName = first;
   this.lastName = last;
   this.age = age;
   this.eyeColor = eye;
}

// Create a Person object
let myFather = new Person("Anthony", "Young", 50, "green");

// Display age
document.getElementById("demo").innerHTML =
"My father is " + myFather.age + "."; // My father is 50.
```

(constructor function)

## **Object Types (Blueprints) (Classes)**

new

```
// Constructor function for Person objects
function Person(first, last, age, eye) {
    this.firstName = first;
    this.lastName = last;
    this.age = age;
    this.eyeColor = eye;
}

// Create two person objects
let myFather = new Person("John", "Doe", 50, "blue");
let myMother = new Person("Sally", "Rally", 48, "green");

// Display age
document.getElementById("demo").innerHTML =
    "My father is " + myFather.age + ". My mother is " + myMother.age + ".";
    // My father is 50. My mother is 48.
```

## The this Keyword

## Adding a Property to an Object

가

#### **Example**

```
// Constructor function for Person objects
function Person(first, last, age, eye) {
  this.firstName = first;
```

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```
this.lastName = last;
this.age = age;
this.eyeColor = eye;
}

// Create 2 Person objects
let myFather = new Person("John", "Doe", 50, "blue");
let myMother = new Person("Sally", "Rally", 48, "green");

// Add nationality to first object
myFather.nationality = "English";

// Display nationality
document.getElementById("demo").innerHTML =
    "My father is " + myFather.nationality; // My father is English
```

myMother가 ( person 가 ) myFather 가 .

## Adding a Method to an Object

가 :

#### **Example**

```
// Constructor function for Person Objects
function Person(first, last, age, eye) {
  this.firstName = first;
  this.lastName = last:
  this.age = age;
  this.eyeColor = eye;
}
// Create 2 Person objects
let myFather = new Person("John", "Doe", 50, "blue");
let myMother = new Person("Sally", "Field", 48, "green");
// Add a name method to first object
myFather.name = function () {
return this.firstName + " " + this.lastName;
};
// Display full Name
document.getElementById("demo").innerHTML =
  "My father is " + myFather.name(); // My father is John Doe
```

## Adding a Property to a Constructor

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#### **Example**

```
// Constructor function for Person objects
function Person(first, last, age, eye) {
  this.firstName = first;
  this.lastName = last:
  this.age = age;
  this.eyeColor = eye;
}
// You can NOT add a new property to a constructor function
Person.nationality = "English";
// Create 2 Person objects
let myFather = new Person("John", "Doe", 50, "blue");
let myMother = new Person("Sally", "Rally", 48, "green");
// Display nationality
document.getElementById("demo").innerHTML =
  "The nationality of my Father is " + myFather.nationality;
    // The nationality of my Father is undefined
```

가 , 가

#### **Example**

```
// Constructor function for Person objects
function Person(first, last, age, eye) {
   this.firstName = first;
   this.lastName = last;
   this.age = age;
   this.eyeColor = eye;
   this.nationality = "English";
}

// Create 2 Person objects
let myFather = new Person("John", "Doe", 50, "blue");
let myMother = new Person("Sally", "Rally", 48, "green");

// Display nationality
```

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```
document.getElementById("demo").innerHTML =
   "My father is " + myFather.nationality + ". My mother is " +
myMother.nationality;
   // My father is English. My mother is English
```

(default values) 가

## Adding a Method to a Constructor

### **Example**

가 가

가

## **Example**

changeName() person lastName

#### **Now You Can Try:**

JavaScript **this** myMother " " person

## **Built-in JavaScript Constructors**

JavaScript (built-in constructor)가

### **Example**

## **Did You Know?**

String, Number	, JavaScript Boolean	(primitive data types)	
		가	. (primitive values)
:			
new Object()		{}	
new String()		пп	
new Number()		12345	
new Boolean()		true /	false .
new Array()		[]	•
new RegExp()		/()/	·
new Function()		() {}	

### **Example**

, Javascript, Objects, Constructors

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