

# JavaScript Classes

- description : JavaScript Classes
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## Source of the article

- [JavaScript Classes](#)

ES6          ECMAScript 2015    JavaScript          .

JavaScript          JavaScript          (templates)          .

====JavaScript Class Syntax class          .

        constructor()          가          .

```
class ClassName {
  constructor() { ... }
}
```

## example

```
class Car {
  constructor(name, year) {
    this.name = name;
    this.year = year;
  }
}
```

        "Car"          .

        " (name)"          " (year)"          가          \_\_\_\_\_(initial properties)          .

JavaScript          가          .

JavaScript          (template)          .

# Using a Class

가 ,

```
<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript Class</h2>
  <p>How to use a JavaScript Class</p>
  <p id="demo"></p>
  <script>
    class Car {
      constructor(name, year) {
        this.name = name;
        this.year = year;
      }
    }
    myCar = new Car("Ford", 2014);
    document.getElementById("demo").innerHTML = "My car is " +
myCar.name + " " + myCar.year;
  </script>
</body>
</html>
```

## Car class

## Car objects

constructor

가가

# The Constructor Method

constructor

- "constructor"
- 가
- (object properties)

constructor

, JavaScript (empty) constructor

가

# Class Methods

class

constructor()

가

가 .

### Syntax

```

class ClassName {
  constructor() { ... }
  method_1() { ... }
  method_2() { ... }
  method_3() { ... }
}

```

Car age "age" .

```

<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript Class Method</h2>
  <p>How to define and use a Class method.</p>
  <p id="demo"></p>
  <script>
    class Car {
      constructor(name, year) {
        this.name = name;
        this.year = year;
      }
      age() {
        let date = new Date();
        return date.getFullYear() - this.year;
      }
    }
    let myCar = new Car("Ssangyong", 2016);
    document.getElementById("demo").innerHTML = "My car is " +
myCar.age() + " years old.";
  </script>
</body>
</html>

```

\_\_\_\_\_ (parameters) .

```

<!DOCTYPE html>
<html>
<body>

```

```
<h2>JavaScript Class Method</h2>
<p>Pass a parameter into the "age()" method.</p>
<p id="demo"></p>
<script>
  class Car {
    constructor(name, year) {
      this.name = name;
      this.year = year;
    }
    age(x) {
      return x - this.year;
    }
  }
  let date = new Date();
  let year = date.getFullYear();
  let myCar = new Car("Ssangyong", 2016);
  document.getElementById("demo").innerHTML = "My car is " +
myCar.age() + " years old.";
</script>
</body>
</html>
```

., [Javascript](#), [class](#), [intro](#)

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