

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(year) + " years old.";
</script>
</body>
</html>
```

"use strict"

"strict mode"

"strict mode"

가

"stict mode"

,

가

```
<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript Clases are written in "strict mode"</h2>
  <p>In a JavaScript Class you cannot use variable without declaring
it.</p>
  <p id="demo"></p>
  <script>
    class Car {
      constructor(name, year) {
        this.name = name;
        this.year = year;
      }
      age() {
        // date = new Date(); // This will not work
      }
    }
  </script>
</body>
</html>
```

```
        let date = new Date(); // This will work
        return date.getFullYear() - this.year;
    }
}
myCar = new Car("Volvo", 2020);
document.getElementById("demo").innerHTML = "My Car is " +
myCar.age() + " years old.";
</script>
</body>
</html>
```

„ JavaScript, class, intro

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