Class trong javascript

Các ví dụ cơ bản dùng Class, object trong javascript

Khai báo class với constructor và khởi tạo object

```
<!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;
  }
}
const myCar = new Car("Ford", 2014);
document.getElementById("demo").innerHTML =
myCar.name + " " + myCar.year;
</script>
</body>
</html>
```

Khởi tạo object với constructor

```html
<!DOCTYPE html>
<html>
<body>
<h2>JavaScript Object Constructors</h2>
<p id="demo"></p>
<script>
// 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 = "Việt nam";
}
// Create 2 Person objects
const myFather = new Person("Việt", "Nguyễn", 50, "blue");
const myMother = new Person("Hằng", "Trần", 48, "green");
// Display nationality
document.getElementById("demo").innerHTML =
"My father is " + myFather.firstName
+". Quốc tịch " + myFather.nationality
+ ".<Br/> My mother is " + myMother.firstName
+". Quốc tịch " + myMother.nationality;
</script>
</body>
</html>
```

Sử dụng Get/set method trong Javascript

```html
<!DOCTYPE html>
<html>
<body>
<h2>JavaScript Getters and Setters</h2>
<p>Getters and setters allow you to get and set object properties via methods.</p>
<p>This example uses a lang property to get the value of the language property:</p>
<p id="demo"></p>
<p>This example uses a lang property to set the value of the language property.</p>
<p id="demoSet"></p>
<script>
// Create an object:
const person = {
  firstName: "John",
  lastName: "Doe",
  language: "en",
  get lang() {
    return this.language;
  },
  set lang(lang) {
    this.language = lang;
  }
};
// Display data from the object using a getter:
document.getElementById("demo").innerHTML = person.lang;

// Set a property using set:
person.lang = "vn";
// Display data from the object:
document.getElementById("demoSet").innerHTML = person.language;
</script>
</body>
</html>
```

JavaScript Class Inheritance(kế thừa lớp trong JS)

```html
<!DOCTYPE html>
<html>
<body>
<h2>JavaScript Class Inheritance</h2>
<p>Use the "extends" keyword to inherit all methods from another clas
<p>Use the "super" method to call the parent's constructor function.<
<p id="demo"></p>
<script>
class Car {
  constructor(brand) {
    this.carname = brand;
  }
  present() {
    return 'I have a ' + this.carname;
  }
}
class Model extends Car {
  constructor(brand, mod) {
    super(brand);
    this.model = mod;
  }
  show() {
    return this.present() + ', it is a ' + this.model;
  }
}
let myCar = new Model("Ford", "Mustang");
document.getElementById("demo").innerHTML = myCar.show();
</script>
</body>
</html>
```

<!DOCTYPE html>
<html>
<body>
<h2>JavaScript Class Inheritance</h2>
<p>Use the "extends" keyword to inherit all methods from another class.</p>
<p>Use the "super" method to call the parent's constructor function.</p>
<p id="demo"></p>
<script>
class Car {
  constructor(brand) {
    this.carname = brand;
  }
  present() {
    return 'I have a ' + this.carname;
  }
}
class Model extends Car {
  constructor(brand, mod) {
    super(brand);
    this.model = mod;
  }