/\*

   Class

   - Inheritance

\*/

// parent class

class User {

   constructor(id, username) {

   this.i = id;

   this.u = username;

   }

   sayHello() {

      return `Hello ${this.u}`;

   }

}

// Derived Class

class Admin extends User {

   constructor(id, username, permissions) {

   super(id, username);

   this.p = permissions;

   }

}

class superman extends Admin {

   constructor(id, username, permissions, ability) {

      super(id, username, permissions);

      this.a = ability;

   }

}

let userOne = new User(100, "Sako", 5000);

let adminOne = new Admin(110, "Mohammad", 1);

console.log(userOne.u);

console.log(userOne.sayHello());

console.log("####");

console.log(adminOne.i);

console.log(adminOne.u);

console.log(adminOne.p);

console.log(adminOne.sayHello());