**Phase-4 Practice Project: Assisted Practice -**

**4.Javascript map and classes:**

**Source Code:**

**mapandclass.html:**

<html>

    <body>

        <h1>Map and classes example</h1>

        <script src="mapandclass.js"></script>

    </body>

</html>

**mapandclass.js:**

// Map example

console.log("Map Example!");

var myMap = new Map();

myMap.set("name", "John");

myMap.set("age", 30);

myMap.set("city", "New York");

console.log(myMap.get("name"));

console.log(myMap.get("age"));

console.log(myMap.get("city"));

// Checking if a key exists in the map

console.log(myMap.has("name"));

console.log(myMap.has("gender"));

myMap.delete("age");

//removing the myMap

myMap.clear();

// Class example

class Person {

  constructor(name, age) {

    this.name = name;

    this.age = age;

  }

  greet() {

    console.log("Hello, my name is " + this.name + " and I am " + this.age + " years old.");

  }

}

console.log("Class Example!");

var person1 = new Person("John", 30);

var person2 = new Person("Jane", 25);

// Accessing properties and calling methods

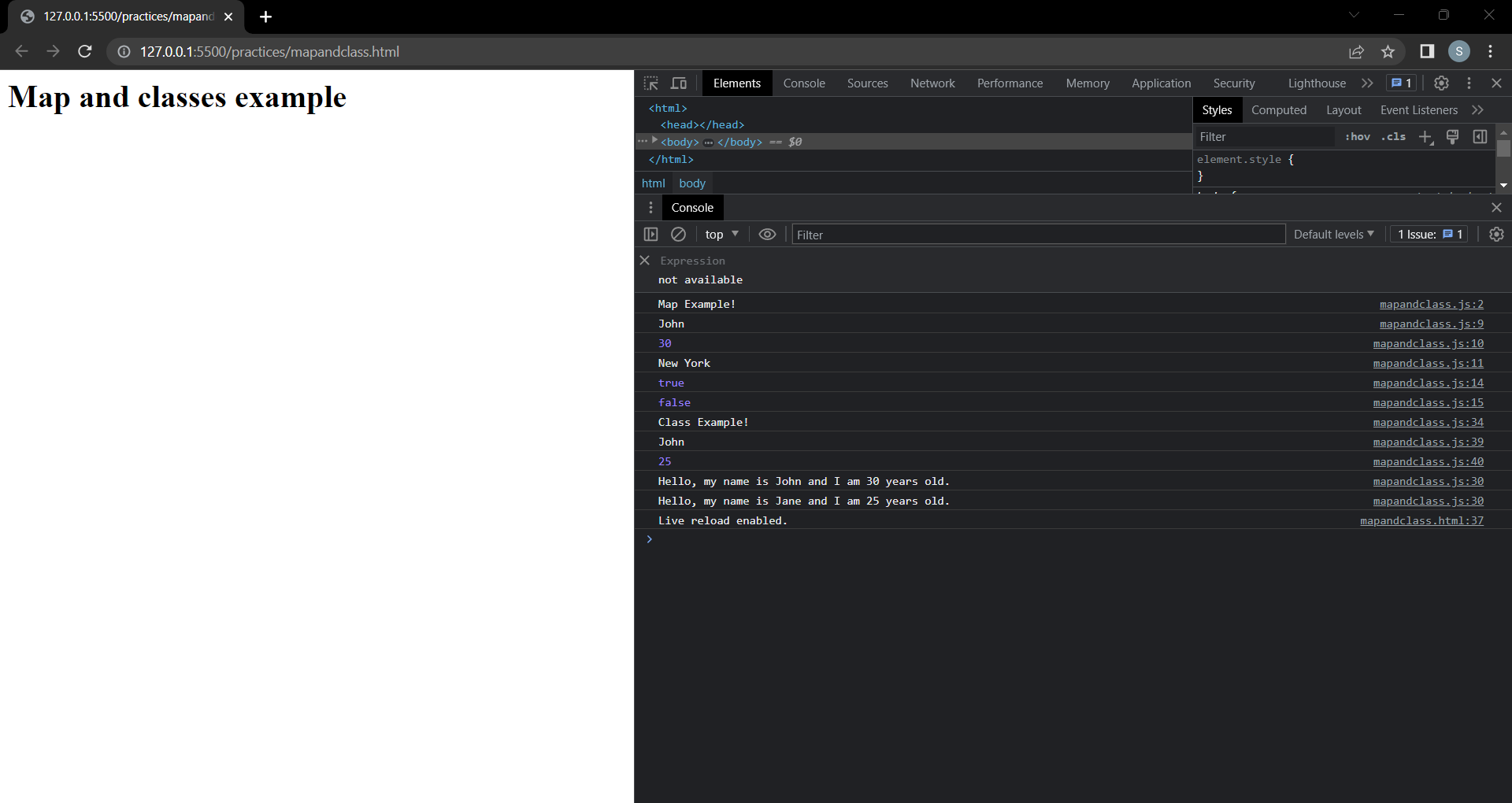
console.log(person1.name);

console.log(person2.age);

person1.greet();

person2.greet();

**Output:**

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