# Lesson 76 JS objects

In this lesson, you will learn about **JavaScript objects** with the help of examples.

**Note**: JavaScript objects are a bit different from language C objects. You do not need to create classes in order to create objects.

Here is an **example** of a JavaScript object:

```
// object creation

const person = {

    name: 'John',

    age: 20

};

console.log(typeof person); // object
```

- You can also define an object in a **single line:**

```
const person = { name: 'John', age: 20 };
```

"key: value" pairs are called **properties.**

## Accessing Object Properties:

```
console.log(person.name); // John

console.log(person["name"]); // John
```

## JavaScript Nested Objects:

```
// nested object

const student = {

    name: 'John',

    age: 20,

    marks: {

        science: 70,

        math: 75

    }

}


// accessing property of student
object console.log(student.marks); // {science: 70, math: 75}

// accessing property of marks
object console.log(student.marks.science); // 70
```

**JavaScript Object Methods:**

```
const person = {

    name: 'Sam',

    age: 30,

    // using function as a value

    greet: function() { console.log('hello') }

}


person.greet(); // hello
```

That's why we need to use **person.greet()** instead of person.greet to call the function inside the object.