**JavaScript Object Methods**

// object containing method

const person = {

  name: 'John',

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

};

Here We have not call the function so output will blank

To call function inside the object:

An object can also contain a function

const person = {

  name: 'Sam',

  age: 30,

  // using function as a value

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

}

person.greet(); // hello

## JavaScript Built-In Methods

## convert numeric string value to an integer value.

let number = '23.32';

let result = parseInt(number);

console.log(result); // 23

## Adding a Method to a JavaScript Object

// creating an object

let student = { };

// adding a property

student.name = 'John';

// adding a method

student.greet = function() {

    console.log('hello');

}

// accessing a method

student.greet(); // hello

you can add a method as well as property to an object.

## JavaScript this Keyword

To access a property of an object from within a method of the same object, you need to use the this keyword.

const person = {

  name: 'John',

  age: 30,

  // accessing name property by using this.name

  greet: function() { console.log('The name is' + ' ' + this.name); }

};

person.greet();

In the above example, a person object is created. It contains properties (name and age) and a method greet.

In the method greet, while accessing a property of an object, this keyword is used.

In order to access the **properties** of an object, this keyword is used following by . and key

the function inside of an object can access it's variable in a similar way as a normal function would:

const person = {

  name: 'john',

  age: 30,

  greet: function() {

      let surname = 'Mat';

      console.log('The name is' + ' ' + this.name + ' ' + surname); }

};

person.greet();

# JavaScript Constructor Function

In JavaScript, a constructor function is used to create objects.

//a constructor function is used to create objects. For example,

// constructor function

function Person () {

    this.name = 'John',

    this.age = 23

}

// create an object

const person = new Person();

//In the above example, function Person() is an object constructor function.

//To create an object from a constructor function, we use the new keyword.