1. How to define objects in Javascript.Explain with Example.
2. How do you access properties and methods of Javascript objects. Explain with example.
3. what is the use of this keyword in javascript?

An object is a collection of key-value pairs (properties and methods).

let person = {

  name: "Bharat",

  age: 22,

  greet: function() {

    console.log("Hello, my name is " + this.name);

  }

};

☐ name and age are properties

☐ greet is a method (a function inside an object)

Accessing the properties and method :

console.log(person.name);

console.log(person["age"]);

person.greet(); // Calls the greet() method

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this refers to the object that is calling the method. In an object method, this refers to the object itself.

```
let car = {
  brand: "Honda",
  model: "City",
  showDetails: function() {
    console.log("Brand: " + this.brand + ", Model: " + this.model);
  }
};


car.showDetails();  // Output: Brand: Honda, Model: City
```