1. The Output will be

10, 8 , 8, 9, 10, 1

1. A function is a block of code written to perform some specific set of tasks. We can define a function using the function keyword, followed by Name and optional parameters. Whereas A JavaScript method is a property of an object that contains a function definition. Methods are functions stored as object properties.
2. Within an instance method or a constructor, this is a reference to the current object — the object whose method or constructor is being called. You can refer to any member of the current object from within an instance method or a constructor by using this.
3. Inside a method, that has been invoked using the property accessors, this will have the value of the invoking object, that is this will point to the object that was used in conjunction with the property accessor to make the call.
4. Inside of a constructor function, the JavaScript keyword this refers to the object that will be created when that constructor is instantiated.
5. This will refer to the Object X.
6. Free variables are simply the variables that are neither locally declared nor passed as parameter.

       var obj = {

           name : "Fred",

           major:"Music",

           property:function(a, b){

               if(a==b){

                   return a\*a;

               }else {

                   return Math.min(a,b);

               }

           }

       }

    function employee(name, salary,position){

        this.name = name;

        this.salary = salary;

        this.position = position;

    }

    var nathy = new employee("Nathnael Ajema", 8000, "Product Manager");

    var amha = new employee("Amha Geleta", 9000, "Full Stack Developer");

    var lulit = new employee ("Lulit Hailemariam", 8500, "Java Back End Developer");



     function product (... nums){

         let prod =1;

         for(let i=0; i<nums.length; i++){

             prod \*= nums[i];

         }

            return prod;

     }



  var maximum = (a,b,c) =>   Math.max(a,b,c);