**Arrays**

var x = [12,23,34,45];

        console.log(x[3]);

Output:45

X[0]=12

X[1]=23

X[2]=34

X[3]=45

 var y = [12,13,14,45,65,76,98]

        for(let i=0;i<=5;i++){

            console.log(y[i]);

        }

Output:

12

13

14

45

65

76

//maximum value from array

        var z = [98,87,76,65,78,89];

        var max = z[0];

        for(let  j=1;j>=5;j++)

        {

            if(max<x[j]){

                max=[j]

            }

        }

        console.log(max)

Output:98

1. What is the difference between JavaScript and JScript?

Ans)

JavaScript and JScript are both scripting languages, but there are some historical and technical differences between them:

****Origin and History:****

* + ****JavaScript:**** JavaScript was originally developed by Netscape in the mid-1990s. It was first introduced in Netscape Navigator 2.0 in 1995.
  + ****JScript:**** JScript is Microsoft's implementation of ECMAScript, which is the standard upon which JavaScript is based. JScript was introduced as a scripting language for Internet Explorer around the same time as JavaScript.

****Naming:****

* + ****JavaScript:**** The name "JavaScript" is a trademark of Oracle Corporation, which acquired Sun Microsystems (the original owner of JavaScript). However, the language is standardized as ECMAScript by the ECMA International organization.
  + ****JScript:**** JScript is the name used by Microsoft for its implementation of ECMAScript.

****Versions and Compatibility:****

* + ****JavaScript:**** The language has evolved over the years with new versions and features. It is widely supported in web browsers and has become a standard for client-side scripting on the web.
  + ****JScript:**** Microsoft's JScript has different versions that correspond to different versions of Internet Explorer. It was primarily used for client-side scripting in the context of web development for Internet Explorer.

****Usage:****

* + ****JavaScript:**** JavaScript is a versatile scripting language used not only in web development for client-side scripting but also for server-side development (Node.js), mobile app development, and more.
  + ****JScript:**** JScript was historically more tied to the Internet Explorer browser and Windows scripting, but its usage has diminished as Internet Explorer itself has been deprecated in favor of other browsers.

****Features and Differences:****

* + While the core language features are similar, there might be some differences in the implementation details and additional features provided by each in terms of browser or platform-specific functionality.

In summary, JavaScript is a more generic term referring to the scripting language standardized as ECMAScript, while JScript specifically refers to Microsoft's implementation of ECMAScript. JavaScript is more widely used and supported in various contexts beyond web development, while JScript has historically been associated with Internet Explorer and Windows scripting. With the decline of Internet Explorer and the rise of modern browsers, the use of JScript has decreased, and JavaScript has become the predominant scripting language for web development

1. Print number

 for(let j=0;j<=10;j++){

            document.write(j);

        }

Output:01234567891011 //printed in in page level