

1. "3030"
2. "102030"
3. True
4. False
5. Advantage of Javascript

1. Speed

Since JavaScript is an 'interpreted' language, it reduces the time required by other programming languages. JavaScript is also a client-side script, speeding up the execution of the program as it saves the time required to connect to the server.

2. Simplicity

The Structure is simple for the users as well as the developers. It is also very feasible to implement, saving developers a lot of money for developing dynamic web content for the web.

3. Popularity

Since all modern browsers support JavaScript, it is seen almost everywhere. All the famous companies use JavaScript as a tool including **Google, Amazon, PayPal, etc.**

4. Versatility

Javascript is now capable of front-end as well as back-end development. Back-end development uses **NodeJs** while many libraries help in front-end development like **AngularJs, ReactJs, Etc.**

6. ForEach Loop

1. It is a newer way with lesser code to iterate over an array.
2. It is slower than the traditional loop in performance.
3. The parameters are the iterator, index of item, and array to iterate.
4. It is slower than the traditional loop in performance.

ForIn Loop

It is used to iterate over all enumerable properties of an object, including inherited enumerable properties. This iteration statement can be used with arrays strings or plain objects, but not with Map or Set objects.

7. Closure

A Closure gives you access to an outer function scope from an inner function. In Javascript, closures are created every time a function is created, at function creation time.

Example :

```
function init() {  
    var name = 'Mozilla'; // name is a local variable created by init  
    function displayName() { // displayName() is the inner function, a  
closure  
        alert(name); // use variable declared in the parent function  
    }  
    displayName();  
}  
init();
```

8. Math inbuilt Method

1. Math.abs()
2. Math.cbrt()
3. Math.Ceil()
4. Math.max()
5. Math.Pow()