1 • What is JavaScript?

* JavaScript is one of the 3 languages all web developers must learn: 1. HTML to define the content of web pages 2. CSS to specify the layout of web pages 3. JavaScript to program the behavior of web pages Web pages are not the only place where JavaScript is used.

2 • What is the use of isNaN function?

* == The JavaScript isNaN () Function is used to check whether a given value is an illegal number or not. It returns true if the value is a NaN else returns false. It is different from the Number.isNaN () Method.

3 • What is negative Infinity?

* = What does negative infinity infinity mean in math? Infinity is just a concept of endlessness, and can be used to represent numbers going on forever. Negative infinity is the opposite of (positive) infinity, or just negative numbers going on forever.

4 • Which company developed JavaScript?

* JavaScript was invented by Brendan Eich in 1995. It was developed for Netscape 2, and became the ECMA-262 standard in 1997. After Netscape handed JavaScript over to ECMA, the Mozilla foundation continued to develop JavaScript for the Firefox browser.

5 • What are undeclared and undefined variables?

**Undefined:**It occurs when a variable has been declared but has not been assigned any value. Undefined is not a keyword.

**Undeclared:**It occurs when we try to access any variable that is not initialized or declared earlier using the *var* or *const keyword*. If we use *‘typeof’* operator to get the value of an undeclared variable, we will face the *runtime error* with the return value as **“undefined”**. The scope of the undeclared variables is always global.

6 • Write the code for adding new elements dynamically?

=Javascript is a very important language when it comes to learning how the browser works. Often there are times we would like to add dynamic elements/content to our web pages. This post deals with all of that.

7• What is the difference between ViewState and SessionState?

=It is known that the web is stateless, which means every time a specific webpage is requested. It is recreated each time and posted to the server. Also, HTTP is a stateless protocol, i.e. it cannot hold client information on the webpage. So it need to maintain the state of a page and the server-side as well, State management is done. ViewState and SessionState are used for client-side state management and server-side state management respectively. The basic difference between these two is that the ViewState is to manage state at the client’s end, making state management easy for end-user while SessionState manages state at the server’s end, making it easy to manage content from this end too.

8• What is === operator?

=The **strict equality (===)** operator checks whether its two operands are equal, returning a Boolean result. Unlike the [equality](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Equality) operator, the strict equality operator always considers operands of different types to be different.

9 • How can the style/class of an element be changed?

= In this article, we will learn how we can change the style/class of an element. If you want to build a cool website or app then UI plays an important role. We can change, add or remove any CSS property from an HTML element on the occurrence of any event with the help of JavaScript. There are two approaches that allow us to achieve this task.

10 • How to read and write a file using JavaScript?

=The[fs.readFile()](https://www.geeksforgeeks.org/node-js-fs-readfile-method/) and [rs.writeFile()](https://www.geeksforgeeks.org/node-js-fs-writefile-method/) methods are used to read and write of a file using javascript. The file is read using the fs.readFile() function, which is an inbuilt method. This technique reads the full file into memory and stores it in a buffer.

11 What are all the looping structures in JavaScript?

=Looping in programming languages is a feature that facilitates the execution of a set of instructions/functions repeatedly while some condition evaluates to true. For example, suppose we want to print “Hello World” 10 times. This can be done in two ways as shown below:

12 • How can you convert the string of any base to an integer in JavaScript?

= Given a string containing an integer value and along with that user passes a base value. We need to convert that string of any base value to an integer in JavaScript.

13 • What is the function of the delete operator?

=Delete is an ***operator*** that is used to **destroy array** and **non-array**(pointer) **objects** which are created by new expression.

* Delete can be used by either using ***Delete operator*** or ***Delete [ ] operator***
* New operator is used for dynamic memory allocation which puts variables on heap memory.
* Which means Delete operator deallocates memory from heap.
* Pointer to object is not destroyed, value or memory block pointed by pointer is destroyed.
* The delete operator has **void**return type does not return a value.

14 What are all the types of Pop up boxes available in JavaScript?

=In Javascript, popup boxes are used to display the message or notification to the user. There are three types of [pop-up boxes in JavaScript](https://www.geeksforgeeks.org/javascript-dialogue-boxes/) namely**Alert Box**,**Confirm Box** and**Prompt Box**.

**Alert Box:** It is used when a warning message is needed to be produced. When the alert box is displayed to the user, the user needs to press ok and proceed

15 • What is the use of Void (0)?

* =JavaScript:void (0) The void operator is used to evaluate an expression and returns the undefined. Generally, this operator is used for obtaining the undefined primitive value.

16 • How can a page be forced to load another page in JavaScript?

=**Approach:**We can use ***[window.location](https://www.geeksforgeeks.org/javascript-window-location-and-document-location-objects/)*** property inside the *script* tag to forcefully load another page in Javascript. It is a reference to a Location object that is it represents the current location of the document. We can change the URL of a window by accessing it.

17 • What are the disadvantages of using innerHTML in JavaScript?

= The [innerHTML property](https://www.geeksforgeeks.org/html-dom-innerhtml-property/" \t "_blank) is a part of the Document Object Model (DOM) that is used to set or return the HTML content of an element. Where the return value represents the text content of the HTML element. It allows JavaScript code to manipulate a website being displayed. More specifically, it sets or returns the HTML content (the inner HTML) of an element. The innerHTML property is widely used to modify the contents of a webpage as it is the easiest way of modifying DOM. But there are some disadvantages to using innerHTML in JavaScript.