1. What is JavaScript?

* JavaScript is the **Programming Language** for the Web.

JavaScript can update and change both **HTML** and **CSS.**

JavaScript can **calculate**, **manipulate** and **validate** data.

1. 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.

1. What is negative Infinity?

* NEGATIVE\_INFINITY is **a special numeric value that is returned when an arithmetic operation or mathematical function generates a negative value greater than the largest representable number in JavaScript** (i.e., more negative than -Number. MAX\_VALUE) . JavaScript displays the NEGATIVE\_INFINITY value as -Infinity .

1. Which company developed JavaScript?

* Netscape Communications Corporation

Brendan Eich, a **Netscape Communications Corporation** programmer, created JavaScript in September 1995. It took Eich only 10 days to develop the scripting language, then known as Mocha.

1. What are undeclared and undefined variables?

* Undeclared − It occurs when a variable which hasn't been declared using var, let or const is being tried to access. Undefined − It occurs when a variable has been declared using var, let or const but isn't given a value.

1. Write the code for adding new elements dynamically?

* Syntax: **document.** **createElement("<tagName>");** // Where <tagName> can be any HTML // tagName like div, ul, button, etc. // newDiv element has been created For Eg: let newDiv = document. createElement("div");

1. What is the difference between ViewState and SessionState?

* 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.

1. What is === operator?

* === (Triple equals) is a strict equality comparison operator in JavaScript, which returns false for the values which are not of a similar type. This operator performs type casting for equality. If we compare 2 with “2” using ===, then it will return a false value.

1. How can the style/class of an element be changed?

* Element Class Names

Another way to alter the style of an element is by **changing its class attribute**. class

is a reserved word in JavaScript, so in order to access the element's class, you use

element. className

1. How to read and write a file using JavaScript?

* **readFile() and rs.** **writeFile() 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.

1. What are all the looping structures in JavaScript?

* for - loops through a block of code a number of times

for/in - loops through the properties of an object

for/of - loops through the values of an iterable object

while - loops through a block of code while a specified condition is true

do/while - also loops through a block of code while a specified condition

is true

1. How can you convert the string of any base to an integer in JavaScript?

* In JavaScript **parseInt() function (or a method) is used to convert the passed in string parameter or value to an integer value itself**. This function returns an integer of base which is specified in second argument of parseInt() function.

1. What is the function of the delete operator?

* The delete operator **removes a property from an object**. If the property's value is an object and there are no more references to the object, the object held by that property is eventually released automatically.

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

* **Alert box, Confirm box, and Prompt box**.

1. What is the use of Void (0)?

* JavaScript void 0 means returning undefined (void) as a primitive value. You might come across the term “JavaScript:void(0)” while going through HTML documents. It is used **to prevent any side effects caused while inserting an expression in a web page**.

1. How can a page be forced to load another page in JavaScript?

* Approach: We can **use window.** **location 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.

1. What are the disadvantages of using innerHTML in JavaScript?

* But there are some disadvantages to using innerHTML in JavaScript. Disadvantages of using innerHTML property in JavaScript: **The use of innerHTML very slow**: The process of using innerHTML is much slower as its contents as slowly built, also already parsed contents and elements are also re-parsed which takes time.