• What is JavaScript?

-javaScript (JS) is a lightweight, interpreted, or just-in-time compiled programming language with first-class functions. While it is most well-known as the scripting language for Web pages, many non-browser environments also use it, such as Node.js, Apache CouchDB and Adobe Acrobat. JavaScript is a prototype-based, multi-paradigm, single-threaded, dynamic language, supporting object-oriented, imperative, and declarative (e.g. functional programming) styles.

• What is the use of isNaN function?

-In JavaScript NaN is short for "Not-a-Number".The isNaN() method returns true if a value is NaN.The isNaN() method converts the value to a number before testing it.

• What is negative Infinity?

-Negative infinity results in -0(different from 0 ) when divided by any other number.When divided by itself or positive infinity, negative infinity return NaNNegative infinity, when divided by any positive number (apart from positive infinity) is negative infinity.Negative infinity, divided by any negative number (apart from negative infinity) is positive infinity.If we multiply negative infinity with NaN, we will get NaN as a result.The product of 0 and negative infinity is Nan.The product of two negative infinities is always a positive infinity.The product of both positive and negative infinity is always negative infinity.

**.** Which company developed JavaScript?

-JavaScript is a scripting language developed by Netscape.

• 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.

. 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.Creation of new element: New elements can be created in JS by using the createElement() method.

• What is the difference between ViewState and SessionState?

-ViewState: It is maintained at only one level that is page-level. Changes made on a single page is not visible on other pages. Information that is gathered in view state is stored for the clients only and cannot be transferred to any other place. View state is synonymous with serializable data only.

SessionState: It is maintained at session-level and data can be accessed across all pages in the web application. The information is stored within the server and can be accessed by any person that has access to the server where the information is stored.

**.**What is === operator?

-The strict equality (===) operator checks whether its two operands are equal, returning a Boolean result. Unlike the equality operator.

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

- There are two common approaches that allow us to achieve this task.

style.property

Changing the class itself

• How to read and write a file using JavaScript?

-The fs.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. This technique reads the full file into memory and stores it in a buffer.

• What are all the looping structures in JavaScript?

-for,while,do while are all the looping structures in javascript.

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

-For performing the above-illustrated task, we would be using a method (or a function) provided by JavaScript called as parseInt(). This is a special method, provided by JavaScript, that takes an integer value (of any base which is either specified or not) and further converts the string into an integer value.

• 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.

• 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 namely Alert Box, Confirm Box and Prompt Box.

• What is the use of Void (0)?

-you might have occasionally came across “javascript:void(0)” in an HTML Document. It is often used when inserting an expression in a web page might produce some unwanted effect. To remove this effect, “javascript:void(0)” is used.

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

- 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.

• What are the disadvantages of using innerHTML in JavaScript?

-The innerHTML property 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.