**Javascript Basic and DOM Assignment**

1. **What is JavaScript?**

* JavaScript is a scripting or programming language that allows you to implement complex features on web pages

[JavaScript](https://developer.mozilla.org/en-US/docs/Glossary/JavaScript) is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else. (Okay, not everything, but it is amazing what you can achieve with a few lines of JavaScript code.)

1. **What is the use of isNaN function?**

* isNaN() function always works for checking the value is a Number or Not a Number. isNaN() returns Boolean value as output. Returned Boolean values are true or false. If the given value is a string, then returns true and if the given value is a number returns false.

1. **What is negative Infinity?**

* The negative infinity in JavaScript is a constant value which is used to represent a value which is the lowest available. This means that no other number is lesser than this value.

1. **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.

1. **What are undeclared and undefined variables?**

* Undefined variable means a variable has been declared but it does not have a value. Undeclared variable means that the variable does not exist in the program at all.

1. **Write the code for adding new elements dynamically?**

* New elements can be dynamically created in JavaScript with the help of createElement() method. The attributes of the created element can be set using the setAttribute() method.

Syntax: **document.** **createElement("<tagName>");**

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. ViewState: It is maintained at only one level that is page-level.

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

* The === operator means "**is exactly equal to**," matching by both value and data type. The == operator means "is equal to," matching by value only.

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

* The class name is used as a selector in HTML which helps to give some value to the element attributes. The document. getElementById() method is used to return the element in the document with the “id” attribute and the “className” attribute can be used to change/append the class of the element.

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

* file=fopen(getScriptPath(),0); The function fread() is used for reading the file content.
* str = fread(file,flength(file) ; The function fwrite() is used to write the contents to the file.
* file = fopen("c:\MyFile.txt", 3);// opens the file for writing.

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.

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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 given property from an object. On successful deletion, it will return true , else false will be returned.

const Employee = { firstname: 'John', lastname: 'Doe'

};

console.log(Employee.firstname);

// expected output: "John" delete Employee.firstname; console.log(Employee.firstname);

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?**

* We can use window. location property inside the script tag to forcefully load another page in Javascript

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

* Event handlers attached to any DOM element are preserved.
* Replacement is done everywhere.
* It is not possible to append innerHTML.
* Breaks the document.
* Used for Cross-site Scripting.