

Module (Javascript And Basic DOM) --4

1. What is JavaScript?

Ans.JavaScript is a powerful programming language that can add interactivity to a website.

2.What is the use of isNaN function?

Ans.isNaN() returns true if a number is Not-a-Number.

3.What is negative Infinity?

Ans.Similarly, there is a concept called negative infinity, which is less than any real number. The symbol “ $-\infty$ ” is used to denote negative infinity. Take a close look at this visual display of infinity — positive and negative infinity ride along an infinitely long zip line in opposite directions.

4.Which company developed JavaScript?

Ans.JavaScript was created at Netscape Communications by Brendan Eich in 1995. Netscape and Eich designed JavaScript as a scripting language for use with the company's flagship web browser, Netscape Navigator.

5.What are undeclared and undefined variables?

Ans.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.

6.Write the code for adding new elements dynamically?

Ans.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.

7.What is the difference between ViewState and SessionState?

Ans.View state can only be visible from a single page and not multiple pages. Session state value availability is across all pages available in a user session.

8.What is === operator?

Ans.The === operator compares operands and returns true if both operands are of the same data type and have some value, otherwise, it returns false.

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

Ans.To change the styles of all elements with a specific class:

Use the `querySelectorAll()` method to get a collection of the elements with the specific class.

Use the `forEach()` method to iterate over the collection.

On each iteration, use the style object to change the element's styles.

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

Ans.`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.

11.What are all the looping structures in JavaScript?

Ans.How many looping structures are there in JavaScript?

There are 7 kind of loops you will find in JavaScript. We have listed them in an order that will help you to get a clear view about their working process and usage. This article will also help you to differentiate between all these 7 loops like where, when or how you should use them.

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

Ans.Another way to convert strings to number is by using some JavaScript math methods. You can use the `floor()` method, which will round down the passed value to the nearest integer.

13.What is the function of the delete operator?

Ans.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.

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

Ans.JavaScript has three kind of popup boxes: Alert box, Confirm box, and Prompt box.

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

Ans. 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.

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

Ans. In JavaScript, we can use window.location object to force a page to load another page. We can use the location object to set the URL of a new page.

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

Ans. It is very slow because as inner HTML already parses the content even we have to parse the content again so that's why it takes time. javascript