

Java script assignment

1) What is javascript?

Ans: JavaScript is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else.

2) What is the use of is nan function?

Ans: isNaN() returns true if a number is Not-a-Number. In other words: isNaN() converts the value to a number before testing it.

3) What is negative infinity?

Ans: 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.

4) Which company developed javascript?

Ans: 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.

5) What are undeclared and undefined variables?

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

6) write the code for adding new elements dynamically?

Ans: 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");

7) difference between session state and the view state?

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. It will retain values in the event of a postback operation occurring.

8) What is === operator in javascript?

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

Ans: 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.

10) how to read and write a file using javascript?

Ans: 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.

11) What are all the looping structures in javascript?

Ans: 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

12) how can you convert the string of any base to an integer in javascript?

Ans: 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 the second argument of the `parseInt()` function.

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 popup 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: In a programming language, void means return nothing. "javascript: void(0)" is similar to void. javascript: void(0) means return undefined as a primitive value. We use this to prevent any negative effects on a webpage when we insert some expression.

16) how can a page be forced to load another page in javascript?

Ans: Approach: We can use windows. location property inside the script tag to forcefully load another page in Javascript. It is a reference to a Location object that 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?

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

