

===== JavaScript assignment =====

1 .what is JavaScript?

JavaScript is a lightweight programming language that web developers commonly use to create more dynamic interactions when developing web pages, applications, servers, and or even games.

2 .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.

3. 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

JavaScript displays the negative infinity value as -infinity . This value behaves mathematically like infinity; for example, anything multiplied by infinity is infinity, and anything divided by infinity is zero.

4. 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.

5. What are undeclared and undefined variables?

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?

Creation of new element: new elements can be created in js by using the createelement() method.
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.

7. What is the difference between viewstate and sessionstate?

Session is used mainly for storing user specific data [session specific data]. In the case of session you can use the value for the whole session until the session expires or the user abandons the session. Viewstate is the type of data that has scope only in the page in which it is used. You cannot have viewstate values accessible to other pages unless you transfer those values to the desired page. Also in the case of viewstate all the server side control datas are transferred to the server as key value pair in __view state and transferred back and rendered to the appropriate control in client when post back occurs.

8. What is === operator?

The equality operator in JavaScript is used to compare if two values are equal. The comparison is made by == and === operators in JavaScript. The main difference between the == and === operator in JavaScript is that the == operator does the type conversion of the operands before comparison, whereas the === operator compares the values as well as the data types of the operands.

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

Approach 1: changing css with the help of the style property:

Syntax:

Document.getelementbyid("id").style.property = new_style

Approach 2: by the classlist property

Syntax:

Document.getelementbyid("id").classList

10. 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.

11.what are all the looping structures in javascript?

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

Do...while - loops through a block of code once, and then repeats the loop while a condition is true

For - run statements a specified number of times

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

To convert a string to an integer parseInt(), number(), and unary operator(+) function is used in javascript. Parseint() function returns nan(not a number) when the string doesn't contain number. If a string with a number is sent, then only that number will be returned as the output.

13.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.

14.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**.

15.what is the use of void (0)?

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?

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?

Inner html is slow because when we use the inner html property in the code it allows us to change using the JavaScript language. 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.

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