



WEB DESIGNING

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Course: Web designing

Assignment-4:

JAVASCRIPT BASIC & DOM

Q1. What is JavaScript?

=> JavaScript, often abbreviated as JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS

Q2. 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.

Q3. 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

Q4. 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.

Q5. 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.

Q6. Write the code for adding new elements dynamically?

=> Syntax: document.createElement("tagName");

Q7. 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.

Q8. What is === operator?

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

Q9. how can the style/class of an element be changed in javascript

=> 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.

Q10. 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.

Q11. What are all the looping structures in JavaScript?

=>

```
for (expression 1; expression 2; expression 3) { // code block to be executed }
while(condition) { };
do{ }while(conditon)
```

Q12. 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.

Q13. 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.

Q14 What are all the types of Pop up boxes available in JavaScript?

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

Q15. 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.

Q16. How can a page be forced to load another page in JavaScript?

=> Approach: We can use window. location property inside the script tag to forcefully load another page in Javascript.

Q17. 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