

## Module (JavaScript) – 4

### 1.What is 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 isNaN function?

->The isNaN() function is used to check whether a given value is an illegal number or not.

### 3.What is negative Infinity?

->NEGATIVE\_INFINITY is the same as the negative value of the global object's Infinity property.

### 4.Which company developed JavaScript?

->The first ever JavaScript was created by Brendan Eich at Netscape, and has since been updated to conform to ECMA-262 Edition 5 and later versions.

### 5.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.

6. Write the code for adding new elements dynamically?

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

7. 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.

8. What is === operator?

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

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

->Another way to alter the style of an element is by changing its class attribute.

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

->1.file=fopen(getScriptPath(),0); The function fread() is used for reading the file content.

2.str = fread(file,flength(file) ; The function fwrite() is used to write the contents to the file.

3.file = fopen("c:\MyFile.txt", 3);// opens the file for writing.

11.What are all the looping structures in JavaScript?

->JavaScript supports different kinds of loops:

1.for - loops through a block of code a number of times.

2.for/in - loops through the properties of an object.

3.for/of - loops through the values of an iterable object.

4.while - 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?

->In JavaScript parseInt() function (or a method) is used to convert the passed in string parameter or value to an integer value itself.

13.What is the function of the delete operator?

->The delete operator removes a given property from an object.

14.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.

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

->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?

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

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

->There is no append support without reparsing the whole innerHTML.