**Module (JAVASCRIPT BASIC & DOM)-4**

**What is javascript?**

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

**What is using isNaN function?**

isNaN() is a function property of the global object. For number values, isNaN() **tests if the number is the value NaN** . When the argument to the isNaN() function is not of type Number, the value is first coerced to a number, and the resulting value is then compared against NaN.

**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.

**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. After Netscape handed JavaScript over to ECMA, the Mozilla foundation continued to develop JavaScript for the Firefox browser.

**What are undeclared and undefined variables?**

Undefined variable means a variable has been declared but does not have a value.

**Write the code for adding new elements dynamically?**

document.createElement("<*tagName*>");

Where <*tagName*> can be any HTML

tagName like div, ul, button, etc.

newDiv element has been created.

**What is the difference between viewstate and sessionstase?**

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.

**What is === operator?**

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

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

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.

**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.

**What are all the looping structures in javascript?**

* 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.

**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.

**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.

**What are all the types of pop up boxes available in javascript?**

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

**What is the use of voide(0)?**

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.

**How can a page be forced to load another page in javascript?**

 We can use window. location property inside the script tag to forcefully load another page in Javascript. It is a reference to a Location object that is it represents the current location of the document.

**What are the disadvantages of using innerHTML in javascript?**

* **Disadvantages of innerHTML:**
* 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.