

# MODULE:4(JavaScript basic & DOM)

- What is JavaScript?
  - JavaScript is a scripting language, it helps us to create web functionality.
- What is the use of isNaN function?
  - The isNaN function is used to check whether a given value is an illegal or not.
- What is negative Infinity?
  - The negative infinity in JavaScript is a **constant value** which is used to represent a value which is the lowest available. This means that no other number is lesser than this value. It can be generated using a self-made function or by an arithmetic operation.
- Which company developed JavaScript?
  - JavaScript was developed by Netscape company and the developer is Brendan Eich.
- What are undeclared and undefined variables?
  - Undefined: It occurs when a variable has been declared but has not been assigned with any value.
  - Undeclared: It occurs when we try to access any variable that is not initialized or declared earlier using var or const keyword.
- Write the code for adding new elements dynamically?
  -
- What is the difference between View State and Session State?
  - The basic difference between these two is that the View State is to manage state at the client's end, making state management easy for end-user.
  - Session State manages state at the server's end, making it easy to manage content from this end too.

- View State: It is maintained at only one level that is page-level.
- 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?
  - We can change style/class of an element through getElementByClassName ().
- How to read and write a file using JavaScript?
  - How to read and write a file using javascript? Files can be read and written by using javascript functions – fopen(), fread() and fwrite(). The function fopen() takes two parameters – 1. Path and 2. Mode (0 for reading and 3 for writing). The fopen() function returns -1, if the file is successfully opened.
- What are all the looping structures in JavaScript?
  - JavaScript supports different kinds of loops:
  - 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
- How can you convert the string of any base to an integer in JavaScript?
  - base to integer in JavaScript? The parseInt () function is used to convert numbers between different bases. It takes the string to be converted as its first parameter, and the second parameter is the base of the given string.

- What is the function of the delete operator?
  - What is 'delete' Operator in JavaScript? To remove a property from a JavaScript object, use the delete keyword, which is also called delete operator.
- What are all the types of Pop-up boxes available in JavaScript?
  - **Types of Popup boxes in JavaScript**
  - Alert Box This popup or dialog box is used to display an alert or warning message to the user.
  - Confirm Box It is a popup box used to get permission or confirmation from the user.
  - Prompt Box It is a dialog or popup box which is used to get some input from the user before allowing them to move on to the next step.
- What is the use of Void (0)?
  - The void (0) is mainly used with a hyperlink to prevent the web page from refreshing. This means that we can use it as javascript: void (0) in href does not have any URL but It will be performed on executing another expression.
- How can a page be forced to load another page in JavaScript?
  - You can use window.location object to load another page in JavaScript. window.location is an object that holds all the information about the current document location (host, href, port, protocol etc.).
- What are the disadvantages of using inner HTML in JavaScript?
  - Disadvantages of using innerHTML property in JavaScript: The use of innerHTML very slow: The process of using innerHTML is much slower as its contents are slowly built, also already parsed contents and elements are also re-parsed which takes time.