

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

- **What is JavaScript?**

- JavaScript is client side scripting Language.

- **What is the use of isNaN function?**

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

- **What is negative Infinity?**

- 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. It was developed for Netscape 2

- **What are undeclared and undefined variables?**

- Undefined: It occurs when a variable has been declared but has not been assigned any value.
- Undeclared: It occurs when we try to access any variable that is not initialized or declared earlier using the var or const keyword.

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

- `newElement=document.createElement('div');`
- `NewElement.innerHTML='This is a new element';`
- `parantElement=document.getElementById('parent');`
- `ParantElement.appendChild(newElement);`

- **What is the difference between ViewState and SessionState?**

- ViewState is used to store page-specific state information on the client-side, meaning it is stored as a hidden field within the HTML markup of a web page.
- SessionState, on the other hand, is used to store user-specific state information on the server-side, meaning it is stored in memory or in a session store such as a database or cache.

- **What is === operator?**

- The === operator is a comparison operator in JavaScript that is used to compare two values for equality, including their types.

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

- To change style:-

- var element = document.getElementById('myElement');
- element.style.backgroundColor = 'red';

- To change class:-

- var element = document.getElementById('myElement');
- element.classList.add('new-class');

- **How to read and write a file using JavaScript?**

- Files can be read and written by using java script functions – fopen(), fread() and fwrite().

- **What are all the looping structures in JavaScript?**

- there are several looping structures that can be used to execute a block of code repeatedly. These are:

- 'for', 'while', 'do..while', 'for..in', 'for..of'.

- **How can you convert the string of any base to an integer in JavaScript?**
- In JavaScript, you can use the parseInt() function to convert a string of any base to an integer.

- **What is the function of the delete operator?**
- The delete operator in JavaScript is used to remove a property from an object or to remove an element from an array.

- **What are all the types of Pop up boxes available in JavaScript?**
- there are three types of popup boxes: alert(), confirm(), and prompt().

- **What is the use of Void (0)?**
- void(0) is an expression that evaluates to undefined. The void operator is used to evaluate an expression and return undefined, regardless of the type of the expression. When void

is used with the `0` operand, it returns undefined without performing any other operations.

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

- To load a new page, you can set the `window.location.href` property to the URL of the new page.

- **What are the disadvantages of using innerHTML in JavaScript?**

- Security risks, Performance, Accessibility, Separation of concerns.