

FRONT-END DEVELOPMENT

ASSIGNMENT

MODULE:-4(JavaScript Basic & DOM)

- **What is javascript?**

-> Java script is a client side scripting language. It is use to lode on client side browser.

- **What is use of is NaN function?**

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

- **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 java script.

- **Which Company developed JavaScript?**

-> Java script developed by **Netscape Communications Corporation.**

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

-> **Undefined variable** means a variable has been declared but does not have a value.Ex.. var a;

-> **Undeclared variable** means that the variable does not exist in the program at all.

Ex.. a = 20;

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

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

Where, // <tagname> can be any HTML

// tagname like Div, ul, button, etc.....

// new Div element has been created.

FOR EX. `let new Div = document.createElement("div");`

- **What is the difference between View State and Session State?**

-> The basic difference between these two is that the View State is at the client's end, making state management easy for end-user while Session State is at the server's end.

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

-> The Strict equality(===) operator is a **comparison operator**. It checks whether its two operands are equal, returning a Boolean result(**check same data type or value**).

- **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 using javascript.

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

-> Loop structure allows you to run one or more lines of code repetitively. JavaScript supports different kinds of loops like for-loop, while-loop, do-while-loop, for-in-loop, for each-loop etc...

For loop: This loop runs through a block of code a number of times.

While loop: This loop runs 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?**

-> To use of attribute **parseInt()** to convert any string into integer.

Ex... var a=parseInt(prompt("Enter a values :"));

- **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 help by that property is eventually released automatically.

- **What are all the type of Popup boxes available in JavaScript?**

-> Javascript has three kind of popup boxes: **Alert box, Confirm box, Prompt box**.

- **What is the use of Void(0)?**

-> Void means none, There is no value assign it. void return undefined.

Ex... conslo.log(void(0));

- **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.

- **What are the disadvantages of using inner HTML in Javascript?**

-> There is no proper validation provided by innerHTML, so any valid HTML code can be used. This may break the document of JavaScript. Even broken HTML can be used, which may lead to unexpected problems.