JS Assignment

**Q.1 What is JavaScript?**

**Ans.**

**🡺** JavaScript is programming Language.

🡺 JavaScript can update and change HTML and CSS.

🡺JavaScript can calculate manipulate and validate data.

**Q.2 What is the use of isNaN function?**

**Ans.**

🡺 The isNaN() function determines whether a value is NaN, First Coverting the value to a number if it is necessary.

NaN = Not a Number

isNaN convert the value into a number.

**Q.3 What is negative Infinity?**

**Ans.**

**🡺** You can use any Number to multiple with it your answer will be nagetive.

The nagetive Infinty in js is a constant value that is used to represent the value that is lowest available. It means there is no Other number is lessser then that Value.

**Q.4 Which Company developed the JavaScript?**

**Ans.**

**🡺**The JavaScript was created at Netscape Communication by Brendan Eich in 1995.

Netscape and Eich designed JavaScript as a scripting language.

To use with the company’s flagship web Browser , Netscape Navigator.

**Q.5 What are undefined and undeclared variables?**

**Ans.**

**🡺** Undeclared variables are those tha not been declared or defined in the current scope, While undefined variables are those that have been declared but not given a value.

Without declaration it prints undefined.

**Q.6 Write the code for adding new elements dynamically?**

**Ans.**

**🡺** Create new Element in JavaScript by using the createElement() Method.

document.createElement(<tag name>);

so new element can be created like

eg:- let newDiv = docment.createElement(“div”);

in the tag name you n can use any tag like div , ul , li button , etc……..

**Q.7 What is the difference between ViewState and SessionState?**

**Ans.**

**🡺**

|  |  |
| --- | --- |
| **View State** | **Session State** |
| State management is on the client side. | State management is on the server side. |
| The data is accessible within the same web page. | Data is accessible from the web pages of the website. |
| Loss of data is possible when different webpages loaded. | Loss of datadue to timeout |
| It is less secure | It is more secure |

**Q.8 what is === Operator?**

**🡺 === (**tripel equals to) is a strict comparison operator in javascript , which returns false for values which are not of the similar types,

This operator Performs type casting for Equality.

If we try to compare 2 to with “2” using === operator it gives false.

Because they are not of same types

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

**🡺** Anotherway to alter the style of an element is by changing its class attributes. Class is a reserved word in JavaScript , so in order to access the elements class, you use element className.

document.getElementById(‘myElement’).className = ”myclass”;

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

**🡺** Thereare two ways to read and write a file of JavaScript :-

1. Using JavaScript Extensions (runs from JavaScript Editors)
2. Using a Web Page and activeX objects (Internet Explore only)

In JavaScript Extension you can use

Fh = fopen(getScriptPath(),0); to open file

Using ActiveX objects Following should be include in your code to read a file:

Var fso = new ActiveXObject(“Scripting.FileSystemObject”)

Var s = fso.OpenTextFIle(“C:\\example.txt”,1,true);

**Q.11 What are the looping structure is JavaScript?**

**🡺**

1. **For** :- Loops through a block of code a number of time
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 specified condition is true
5. **Do while** :- Loops through a block of code while a specified a condition true

**Q.12 How can you convert the string of an any base to an Integer in JavaScript?**

**🡺** In JavaScript the PerseInt() function or Method is used to convert passed in string Parameter or value to an integer value itself. This function returns an integer of the base Which is specified in the second argument of the ParseInt() function.

**Q.13 What is function of delete operator ?**

**🡺** The Delete operator removes property from an object. If the propertys value is an object and there are no more references to the object the object held by that property is eventually released automatically.

**Q.14 What are all types of pop up boxes Available in JavaScript?**

🡺 JavaScript has three type of popup boxes They are as under:-

1. Alert box :- It shows alert.
2. Confirm Box :- It shows confirmation box ok or cancel.
3. PromptBox :- It shows ok or cancel button with input value.

**Q.15 What is the use of void (0)?**

🡺 JavaScript void 0 means returning undefined (void) as a primitive value. You might come across the Term “JavaScript:void(0)” While going through thr HTML documents used to prevent any side effect caused to inserting an expression in a web

**Q.16 How can page be forced to load another page in javascript?**

🡺 In javascript we can use window.location object to force the page to another page. We can use the location object to set the url of new page.

**Q.17 What are the disadvantages of using innerHTML in javascript ?**

🡺 inner HTML is slow it is very slow because as inner html already passe the content even we have to pass the content again so that us why it takes time.

When we used to event handler then the event handlers are not automatically attatched to the new elements created by inner html.