Javascript Basic & Dom

1. **What is JavaScript?**

JavaScript is a very powerful client-side scripting language. JavaScript is used mainly for enhancing the interaction of a user with the webpage. In other words, you can make your webpage more lively and interactive, with the help of JavaScript. JavaScript is also being used widely in game development and Mobile application development.

1. **What is the use of isNaN function?**

isNan function returns true if the argument is not a number; otherwise, it is false.

**3. What is negative Infinity?**

Negative Infinity is a number in JavaScript which can be derived by dividing negative number by zero.

**4.Which company developed JavaScript?**

Netscape is the software company that developed JavaScript.

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

Undeclared variables are those that do not exist in a program and are not declared. If the program tries to read the value of an undeclared variable, then a runtime error is encountered.

Undefined variables are those that are declared in the program but have not been given any value. If the program tries to read the value of an undefined variable, an undefined value is returned.

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

<html>

<head>

<title>t1</title>

<script type=”text/javascript”>

Function addNode () { var newP = document. createElement(“p”);

Var textNode = document.createTextNode(“ This is a new text node”);

newP.appendChild(textNode); document.getElementById(“firstP”).appendChild(newP); }

</script> </head>

<body> <p id=”firstP”>firstP<p> </body>

</html>

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

* ‘ViewState’ is specific to a page in a session.
* ‘SessionState’ is specific to user-specific data that can be accessed across all web application pages.

**8.What is === operator?**

=== is called a strict equality operator, which returns true when the two operands have the same value without conversion.

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

It can be done in the following way:

Document.getElementById(“myText”). Style. fontSize = “20”;

Or

Document. getElementById (“myText”). className = “anyclass”;

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

There are two ways to read and write a file using JavaScript

Using JavaScript extensions

Using a web page and Active X objects

**11.What are all the looping structures in JavaScript?** Looping structures in Javascrip

* For
* While
* Do-while loops

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

The parseInt() function is used to convert numbers between different bases. parseInt() takes the string to be converted as its first parameter. The second parameter is the base of the given string.

To convert 4F (or base 16) to integer, the code used will be –.

parseInt (“4F”, 16);

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

The delete keyword is used to delete the property as well as its value.

**Example**

Var student= {age:20, batch:”ABC”};

Delete student. Age;

**14.What are all the types of Pop up boxes available in JavaScript?**

* Alert
* Confirm and
* Promt

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

Void(0) is used to prevent the page from refreshing, and parameter “zero” is passed while calling.

Void(0) is used to call another method without refreshing the page.

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

The following code has to be inserted to achieve the desired effect:

<script language=”JavaScript” type=”text/javascript” >

<!—location. Href=”https://www.skechers.in/”; //🡪</script>

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

The disadvantage is…

* Content is replaced everywhere
* We cannot use it like “appending to innerHTML
* Even if you use +=like “innerHTML = innerHTML + ‘html’” still the old content is replaced by html
* The entire innerHTML content is re-parsed and builds into elements. Therefore, it’s much slower
* The innerHTML does not provide validation, and therefore we can potentially insert valid and broken HTML in the document and break it