**JavaScript Basic and DOM**

1. What is JavaScript?

Ans.

JavaScript is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else.

1. What is the use of isNaN function?

Ans.

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

1. What is negative Infinity?

Ans.

NEGATIVE\_INFINITY is the same as the negative value of the global object's Infinity property. This value behaves slightly differently than mathematical infinity: Any positive value, including POSITIVE\_INFINITY , multiplied by NEGATIVE\_INFINITY is NEGATIVE\_INFINITY .

1. • Which company developed JavaScript?

Ans.

The first ever JavaScript was created by Brendan Eich at Netscape, and has since been updated to conform to ECMA-262 Edition 5 and later versions.

1. What are undeclared and undefined variables?

Ans.

* Undefined variable means a variable has been declared but it does not have a value.
* Undeclared variable means that the variable does not exist in the program at all.

1. Write the code for adding new elements dynamically?

Ans.

New elements can be dynamically created in JavaScript with the help of createElement() method.

1. What is the difference between ViewState and SessionState?

Ans.

The basic difference between these two is that the ViewState is to manage state at the client's end, making state management easy for end-user while SessionState manages state at the server's end, making it easy to manage content from this end too.

1. What is === operator?

Ans.

The strict equality operator (===) checks whether its two operands are equal, returning a Boolean result. Unlike the equality operator, the strict equality operator always considers operands of different types to be different.

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

Ans.

Another way to alter the style of an element is by changing its class attribute. class is a reserved word in JavaScript, so in order to access the element's class, you use element. className .

1. How to read and write a file using JavaScript? ?

Ans.

Buy using four Read this code [file=fopen(getScriptPath(),0);]

The function fread() is used for reading the file content.

Buy using four Write this code[str = fread(file,flength(file) ;]

The function fwrite() is used to write the contents to the file.

1. What are all the looping structures in JavaScript?

Ans.

* 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

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

Ans.

In JavaScript parseInt() function (or a method) is used to convert the passed in string parameter or value to an integer value itself. This function returns an integer of base which is specified in second argument of parseInt() function.

1. What is the function of the delete operator?

Ans.

The delete operator removes a given property from an object. On successful deletion, it will return true , else false will be returned.

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

Ans.

JavaScript has three kind of popup boxes: Alert box, Confirm box, and Prompt box.

1. What is the use of Void (0)?

Ans.

JavaScript void 0 means returning undefined (void) as a primitive value. You might come across the term “JavaScript:void(0)” while going through HTML documents. It is used to prevent any side effects caused while inserting an expression in a web page.

1. What are the disadvantages of using innerHTML in JavaS

Ans.

**JQuery**

1.What is jQuery?

Ans. jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers.

2.How to Apply CSS Using JQuery, How to Add Class and Remove Class in Jquery , JQuery Animation?

Ans. An alternative is using addClass() and removeClass() but I have not been able to re-create the exact behavior that I can get with animate().

[ $('#someDiv') .mouseover(function(){ $(this).stop().animate( {backgroundColor:'blue'}, {duration:500}); }) .mouseout(function(){ $(this).stop().animate( {backgroundColor:'red'}, {duration:500}); }); ]

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4. How to create slider with animation?

Ans.The jQuery slideToggle() method toggles between the slideDown() and slideUp() methods. If the elements have been slid down, slideToggle() will slide them up. If the elements have been slid up, slideToggle() will slide them down.