
JAVASCRIPT ASSIGNMENT

1) What is javascript?

Answer:

Javascript is a scripting or programming language that allows you to implement complex features on web pages — every time a web page does more than just sit there and display static information for you to look at — displaying timely content updates, interactive maps, animated 2d/3d graphics, scrolling video jukeboxes, etc. — you can bet that javascript is probably involved.

2) What is the use of isnan function ?

Answer:

The isNaN() function is used to check whether a given value is an illegal number or not. It returns true if value is a nan else returns false. It is different from the number.

3) What is negative infinity ?

Answer:

The negative infinity in javascript is a constant value which is used to represent a value which is the lowest available. This means that no other number is lesser than this value. It can be generated using a self-made function or by an arithmetic operation.

4) which company developed javascript

Answer:

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. This engine, code named spidermonkey, is implemented in c/c++

5) What are undeclared and undefined variables ?

Answer:

Undeclared – it occurs when a variable which hasn't been declared using var, let or const is being tried to access.

Undefined – it occurs when a variable has been declared using var, let or const but isn't given a value.

6) Write the code for adding new elements dynamically ?

Answer:

Let newdiv= document.createElement(“div”);

7) What is the difference between viewstate and sessionstate ?

Answer:

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.

8) What is == operator ?

Answer:

The equality operator (==) checks whether its two operands are equal, returning a boolean result. Unlike the strict equality operator, it attempts to convert and compare operands that are of different types

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

Answer:

The class name is used as a selector in html which helps to give some value to the element attributes. The document. 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

10) How to read and write a file using javascript ?

Answer:

Readfile() and rs. Writefile() methods are used to read and write of a file using javascript. The file is read using the fs. Readfile() function, which is an inbuilt method.

11) What are all the looping structures in javascript?

Answer:

- 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.

12) How can you convert the string of any base to an integer in javascript?

Answer:

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. Parseint() function returns nan(not a number) when the string doesn't contain number.

Syntax parseInt(value, radix)

It accepts string as a value and converts it to specified radix system (any desired numerical value passed by a user) and returns an integer (corresponding to the passed in numerical radix value).

13) What is the function of the delete operator?

Answer:

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

14) What are all the types of pop up boxes available in javascript?

Answer:

Javascript has three kind of popup boxes:

- **Alert box**
- **Confirm box**
- **Prompt box**

15) What is the use of void (0)?

Answer:

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.

Example:

```
<a href=" " onclick=" alert ( ' you have clicked the button ' ) > click here !  
</a>
```

Click on the above link. Even though the code within it specifies to display a message in an alert box (and this action does take place), the page will reload automatically.

We can fix this with void(0):

```
<a href = " javascript : void ( 0 ) ; " onclick = " alert ( ' you have clicked  
the button ' )> click here ! </a>
```

16) How can a page be forced to load another page in javascript?

Answer:

In this article, we will see how can a page be forced to load another page in javascript.

Approach: we can use window.location property inside the script tag to forcefully load another page in javascript. It is a reference to a location object that it represents the current location of the document. We can change the url of a window by accessing it.

Syntax:

```
<script>
```

```
Window .location = <path / url>
```

```
</script>
```

Example:

```
<script>
```

```
Window .location = "https://www.google.com/"
```

```
</script>
```

So in the above example, we see that by changing the window.location object inside javascript we can change the url of our window and thus successfully load any page forcibly from our javascript without any href tag. We will build a small working sample to learn it practically.

17) What are the disadvantages of using innerhtml in javascript?

Answer:

Disadvantages of innerhtml

Event handlers attached to any dom element are preserved.

- Replacement is done everywhere.
- It is not possible to append innerhtml.
- Breaks the document.
- Used for cross-site scripting.