# JavaScript, jQuery, CSS, Html, Bootstrap questions

**1.what is $ sign in ready function?**

Ans-$ is a jQuery Representation in ready function

**2. what is function hoisting?**

Ans- **Hoisting** is a JavaScript mechanism where variables and **function** declarations are moved to the top of their scope before code execution.

**3. How we declare local and global variable in JavaScript?**

Ans-

* To declare JavaScript global variables **inside function**
* **function** a(){
* value=50;
* alert(window.value) ;//accessing **globle variable**.
* }
* To declare JavaScript Local variables**Outside function**

var value=50;//Local Variable

* **function** a ()
* {
* alert (window. value); //accessing **global variable**.
* }

**4. How many datatypes in JavaScript?**

**Ans-** string, number, Boolean, null, undefined, symbol

**5 what is closure function?**

Ans-A **closure** is a **function** having access to the parent scope, even after the parent **function** has closed

**6 find element with particular Id?**

Ans-

$(selector).on(event, childSelector, data, function, map)//jQuery

document.getElementById("demo");//JavaScript

**7 how to call Ajax?**

**$.ajax({**

**type: "POST",**

**url: "",**

**data: '',**

**contentType: " ",**

**datatype: "",**

**success: function (r) {**

**alert("Valid number.");},**

**error: OnError**

**});**

**8 what are the different ways to write ready function?**

1.$(function (){ //jQuery Code} });

2. $(document).ready(function () {//jQuery Code});

3. jQuery(document).ready(function () {//jQuery Code});

**9 what is no conflict method**

To avoid Special or Symbolic Representation of jQuery we use no conflict method.

**10 sync and async call in Ajax?**

* **Synchronously**, in which the script stops and waits for the server to send back a reply before continuing.
* **Asynchronously**, in which the script allows the page to continue to be processed and handles the reply if and when it arrives.

**11 What is Selector and selector types?**

Query selectors allow you to select and manipulate HTML element(s).

1)Element selector,2)#id Selector, 3).Class Selector

**12 What is DOM?**

The **DOM (Data object model)** is an object-oriented representation of the web page, which can be modified with a scripting language such as **JavaScript**.

**13 If you have a UI on that you have textbox, radio button, click button and you have server and data also then how to have save the data into database?**

NA

**14 What is JavaScript?**

JavaScript is the **Programming Language** for the Web.

JavaScript can update and change both **HTML** and **CSS.**

JavaScript can **calculate**, **manipulate** and **validate** data.

**15 write syntax for jQuery?**

**$(*selector*).*action*()**

**17 How to fetch value at fourth textbox without Id and class?**

document.getElementsByTagName('input[type=text]'[3]);

**18 what is ajax?**

**A**synchronous **J**avaScript **A**nd **X**ML.

AJAX is not a programming language.

AJAX allows web pages to be updated asynchronously by exchanging data with a web server behind the scenes. This means that it is possible to update parts of a web page, without reloading the whole page.

**19 how we add element in jquery?**

**We use Append() method.**

**0ther way also like Prepend(),After(),Before() Methods**

**20 What is let keyword in jQuery and c#?**

**For jQuery**-The **let** keyword is part of JavaScript. Using let keyword u can declared variable in jQuery. Variables declared with **let** have block level scope

**C#-**The '**let**' **keyword** is useful in query syntax. It projects a new range variable, allows re-use of the expression and makes the query more readable.

**21 what different between jQuery and JavaScript?**

JavaScript is Language and jQuery is Library of JavaScript.

**22 what is var Keyword in JavaScript?**

Var is Keyword is use for Declare the variable.

**23 difference between var in c# and JavaScript?**

**C# -var** is **used** to declare implicitly typed local variable means it tells the compiler to figure out the type of the variable at compilation time.

**24 How to load panel using ajax call?**

**25 Unopstrisive in JavaScript?**

**26 what function use to check type of value in JavaScript?**

**Use** typeof method to **Check** the **Type** of a Variable at Runtime

**27 what is document.ready?**

The **ready**() method is used to make a **function** available after the **document** is loaded. Whatever code you write inside the $(**document** ). **ready**() method will run once the page DOM is **ready** to execute JavaScript code.

**28 Have you work on asynchronous?**

Yes ,Ajax is Asynchronous.

**29 what is Jquery and Bootstrap**

jQuery is Library of JavaScript

Bootstrap is Framework of CSS, HTML, JavaScript

Both are used for Developed the front End

**30.what is jQuery.js and jquery.min.js**

In easy language, both versions are absolutely the same. Only difference is:

* min.js is for websites (online)
* .js is for developers, guys who needs to read, learn about or/and understand jquery codes, for ie plugin development (offline, local work).

**31 what is minification?**

Minification is the process of minimizing code and mark-up in your web pages and script files.

**32 what is onload?**

The onload attribute fires when an object has been loaded.

The onload attribute can be used to check the visitor's browser type and browser version, and load the proper version of the web page based on the information.

<body onload="myFunction()">

**33 which selector faster in jquery? Why id selector is faster?**

ID selector is faster in jQuery. reason is that ID is supposed to be unique, so the API stops searching after the ID is found in the DOM.

**34 how you call controller action method in JavaScript?**

Using Ajax Call

**35 If I want exception message then how you do in ajax call?**

**In this case I have write ajax function.**

function getCustomerDetails() {

ajax:

{

url: URL,

Data:””,

type: "GET",

success: function (result)

{result.data;}

error: function (response, status, error) {

alert(response.statusText);

alert(response.responseText);

}

},

}

**36 different datatypes in JavaScript?**

Refere Q4

**37 View state and session state in JavaScript?**

**ViewState** is a **state** of a page within a browser wherein the values of controls persist when post back operation is done

**SessionState** is the data of a user **session** and is maintained on the server side

**38 How can you submit form in JavaScript?**

in **JavaScript** onclick event, you can use **form**. **submit** () method to **submit form**. You can perform **submit** action by, **submit** button, by clicking on hyperlink, button and image tag etc. You can also perform **JavaScript form submission** by **form** attributes like id, name, class, tag name

**39 How many state in ajax call**

There are **four** **states** of **ajax**

|  |  |
| --- | --- |
| **State** | **Description** |
| 0 | The **request** is not initialized |
| 1 | The **request** has been set up |
| 2 | The **request** has been sent |
| 3 | The **request** is in process |

**40 Can we use small cases in type :”” of ajax call?**

**yes**

**41 If I want to pass string and int through action method then what will be data :“” to call the ajax its**

**Not Sure but I think**

**Application/JSON**

**42 In action method I pass “name” as parameter and in ajax I write “Name” is that ok or is it case sensitive?**

**JavaScript and jQuery is Case-Insensitive that’s why we can write both way**

**43 What is Panel?**

The **panel** tag is a container tag that holds other tags and **HTML**.

The w3-**panel** class adds a 16px top and bottom margin and a 16px left and right padding to any HTML element

**44.What is Div?**

The <**div**> tag defines a division or a section in an HTML document. The <**div**> element is often used as a container for other HTML elements to style them with CSS or to perform certain tasks with **JavaScript**.

**45.What is Bubbling?**

Event bubbling, which starts from target element to the top element.

**46.What is Capturing?**

Event **Capturing**. Event **capturing** is the event starts from top element to the target element.