JQUERY

**1. What is jQuery?**

jQuery is not a programming language but a well written JavaScript code. It is a JavaScript code, which do document traversing, event handling, Ajax interactions and Animations.

**2. Why jQuery is needed?**

jQuery is needed for the following list:

* Used to develop browser compatible web applications
* Improve the performance of an application
* Very fast and extensible
* UI related functions are written in minimal lines of codes

**3. Whether jQuery HTML work for both HTML and XML documents?**

No, jQuery HTML only works for HTML documents not for XML Documents.

**4. What are the methods used to provide effects?**

Some of the effects methods are:

* Show()
* Hide()
* Toggle()
* FadeIn() and
* FadeOut()

**5. What is the advantage of using minimized version of jQuery?**

Efficiency of web page increases when minimized version of jQuery is used.min.js file will be more than 50% less than the normal js file. Reduction in the file size makes the web page faster.

**6. Is jQuery is a JavaScript or JSON library file?**

jQuery is a library of JavaScript file and it consists of DOM, event effects and the Ajax functions. jQuery is said to be a single JavaScript file.

**7. What are the basic selectors in jQuery?**

Following are the basic selectors in jQuery:

* Element ID
* CSS Name
* Tag Name
* DOM hierarchy

**8. What is the use jQuery.data method?**

jQuery.data methods is used to associate the data with the DOM nodes and the objects. This data method makes the jQuery code clear and concise.

**9. What is the difference between size and length of jQuery?**

Size and length both returns the number of element in an object. But length is faster than the size because length is a property and size is a method.

**10. What is the use of jQuery load method?**

jQuery load method is a powerful AJAX method which is used to load the data from a server and assign the data into the element without loading the page.

**11. Whether our own specific characters are used in place of $ in jQuery?**

Yes, We can use our own variable in place of $ by using the method called no Conflict () method.

var sample = $.noConflict()

**12. What are the four parameters used for jQuery Ajax method?**

The four parameters are

* URL – Need to specify the URL to send the request
* type – Specifies type of request(Get or Post)
* data – Specifies data to be sent to server
* Cache – Whether the browser should cache the requested page

**13. What is the use of jQuery filter?**

The jQuery filter is used to filter the certain values from the object list based on the criteria. Example is to filter certain products from the master list of products in a cart website.

**14. What is CDN?**

CDN is abbreviated as Content Distribution network and it is said to be a group of companies in different location with network containing copies of data files to maximize bandwidth in accessing the data.

**15. What are the two types of CDNs?**

There are two types of CDNs:

* Microsoft – Load jQuery from Ajax CDN
* Google – Load jQuery from Google libraries API

**16. Which sign is used as a shortcut for jQuery?**

Dollar ($) sign is used as a shortcut for jQuery.

**17. What is the difference between onload() and document.ready()?**

In a page, we can have only one onload function but we can have more than one document.ready function. Document.ready function is called when DOM is loaded but onload function is called when DOM and images are loaded on the page.

**18. Why jQuery is better than JavaScript?**

jQuery is a library used for developing Ajax application and it helps to write the code clean and concise. It also handles events, animation and Ajax support applications.

**19. What are the advantages of jQuery?**

Following are the advantages of jQuery:

* Just a JavaScript enhancement
* Coding is simple, clear, reusable
* Removal of writing more complex conditions and loops