jQuery Interview Question

### Is jQuery a programming language?

jQuery is not a programming language but a well-written JavaScript code. It is used to traverse documents, event handling, Ajax interaction, and Animation.

### Is jQuery replacement of JavaScript?

No, jQuery is not the replacement of JavaScript. jQuery is written on the top of JavaScript, and it is a different library. jQuery is a lightweight JavaScript library which is used to interact with JavaScript and HTML.

### Is jQuery library used for server scripting or client scripting?

It is a library for client-side Scripting.

### What is the difference between find and children methods?

Find method is used to find all levels down the DOM tree while children method is used to find single level down the DOM tree.

### What is a CDN?

CDN stands for Content Delivery Network or Content Distribution Network. It is a large distributed system of servers deployed in multiple data centers across the internet. It provides the files from servers at a higher bandwidth that leads to faster loading time. These are several companies that provide free public CDNs:

* Google
* Microsoft
* Yahoo

### What is the goal of CDN and what are the advantages of using CDN?

The primary goal of the CDN is to provide content to the end-users with high availability and high performance.

**Advantages of using CDN:**

* It reduces the load from the server.
* It saves bandwidth. jQuery framework is loaded faster from these CDN.
* If a user regularly visits a site which is using jQuery framework from any of these CDN, it will be cached.

### What is the use of serialize() method in JQuery?

The jQuery serialize() method is used to create a text string in standard URL-encoded notation. It serializes the form values so that its serialized values can be used in the URL query string while making an AJAX request.

#### Syntax:

1. $(document).ready(function(){
2. $("button").click(function(){
3. $("div").text($("form").serialize());
4. });
5. });

### What is the difference between prop and attr?

**attr():** It gets the value of an attribute for the first element in the set of matched element.

prop**():** it gets the value of a property for the first element in the set of matched elements. It is introduced in jQuery 1.6.

### What is the use of the animate() method in jQuery?

**The** animate function is used to apply the custom animation effect to elements. Syntax:

$(selector).animate({params}, [duration], [easing], [callback])

Here,

* "param" defines the CSS properties on which you want to apply the animation.
* "duration" specify how long the animation run. It can be one of the following values: "slow," "fast," "normal" or milliseconds
* "easing" is the string which specifies the function for the transition.
* "callback" is the function which we want to run once the animation effect is complete.