**1.What is jQuery?**

A.jQuery is a lightweight, "write less, do more", JavaScript library.

The purpose of jQuery is to make it much easier to use JavaScript on your website.

jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.

jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

The jQuery library contains the following features:

HTML/DOM manipulation

CSS manipulation

HTML event methods

Effects and animations

AJAX

Utilities

Tip: In addition, jQuery has plugins for almost any task out there.

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

**JQuery Animation?**

A.jQuery Manipulating CSS

jQuery has several methods for CSS manipulation. We will look at the following methods:

addClass() - Adds one or more classes to the selected elements

removeClass() - Removes one or more classes from the selected elements

toggleClass() - Toggles between adding/removing classes from the selected elements

css() - Sets or returns the style attribute

**3.How to create slider with animation?**

A.With jQuery you can create a sliding effect on elements.

jQuery has the following slide methods:

slideDown()

slideUp()

slideToggle()