1. What is jQuery?

Ans: 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.

1. How to apply CSS using JQuery, How to add class and remove class in JQuery, JQuery Animation?

Ans:  jQuery’s **.css()** method to apply CSS style to the selected elements.The syntax is:

$(selector).css(propertyname,value);

or

$(selector).css(properties);

where *selector* is the element you want to style, *propertyname* is the CSS property name, *value* is the CSS property value, and *properties* is an object containing multiple CSS properties and values.

*addClass()* and *removeClass().* [You can pass a string of class names separated by a space as the argument to add or remove multiple classes at once](https://www.tutorialspoint.com/how-to-add-and-remove-multiple-classes-in-jquery).

// Add classes

$("div").addClass("red green blue");

// Remove classes

$("div").removeClass("red green blue");

1. How to create slider with animation?

Ans: With jQuery you can create a sliding effect on elements.

jQuery has the following slide methods:

* slideDown()
* slideUp()
* slideToggle()

syntax:

$("selector").animate({params}, speed, callback);

$(*selector*).slideDown(*speed,callback*);

$(*selector*).slideUp(*speed,callback*);

$(*selector*).slideToggle(*speed,callback*);