

jQuery Assignment

Q 1 = What is jQuery?

Ans = jQuery is a small, light-weight and fast JavaScript library. It is cross-platform and supports different types of browsers. It is also referred as "write less do more" because it takes a lot of common tasks that requires many lines of JavaScript code to accomplish, and binds them into methods that can be called with a single line of code whenever needed. It is also very useful to simplify a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

- o jQuery is a small, fast and lightweight JavaScript library.
- o jQuery is platform-independent.
- o jQuery means "write less do more".
- o jQuery simplifies AJAX call and DOM manipulation.

Q 2 = How to Apply CSS Using JQuery?

Ans = We can use jquery's .css() method to apply CSS style on the given webpage. jQuery is a javascript library that helps us manipulate the DOM easily and efficiently using its various helper methods and properties. It allows us to add interactivity to the DOM as well as add and change the CSS styles of the DOM elements.

Syntax

```
$(selector).css(property, value)
```

OR

```
$(selector).css({ property: value, property: value, ... })
```

JQuery css() method accepts either an argument of type object, with key as the CSS property name and value as the desired property value to be set to, or just a pair of comma-separated CSS property name and value.

Let's understand how to use the css() method, by jQuery, to apply styles to the HTML elements with the help of some suitable examples.

Q 3 = How to Add Class and Remove Class in JQuery?

Ans = The [addClass\(\)](#) or [removeClass\(\)](#) methods are used to add the CSS classes when there is a need to add to our webpage when there is some event listener or to create some kind of effect.

In this article, let us see how can we add a CSS class or remove a CSS class in jQuery.

Syntax:

- **Adding a class:**
`$('.selector').addClass(class_name);`
- **Removing a class:**

```
$('.selector').removeClass(class_name);
```

Q 4 = What is JQuery Animation?

Ans = JQuery Animation - the animate () method performs a custom animation of a set of CSS properties.

This method changes an element from one stage to another with CSS style .

The CSS property value is changed gradually , to create an animated effects.

Q 5 = How to create slider with animation?

Ans ==> The jQuery animate() method is used to create custom animations.

Syntax: \$(selector).animate({params},speed,callback);

The required params parameter defines the CSS properties to be animated.

The optional speed parameter specifies the duration of the effect.

It can take the following values: "slow", "fast", or milliseconds.