

(jQuery Basic, Effects & Advanced)

1. What is jQuery?

-> 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

2. How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery ,JQuery Animation?

-> To apply CSS properties using jQuery, use the `css()` method. It's easy to apply any CSS property using jQuery method `css(propertyName, PropertyValue)`. 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);
```

The jQuery `animate()` method is used to create custom animations.

Syntax:

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