

- **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.
- 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

- **How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery, JQuery Animation?**

- `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

- ❖ **AddClass() method:**

- It is used to add specified classes to each of the targeted elements while animating all style changes.

- **Syntax:**

`.addClass(className, [duration], [easing], [callback])`

- ❖ **RemoveClass() method:**

- It is used to remove the classes from the element while animating all style changes.

- **Syntax:**

`.removeClass(className, [duration], [easing], [callback])`

- **How to create slider with animation?**

- Step 1: Come up with a strategy for the slider. You can make as many modifications as you want to Slider Revolution templates. ...
- Step 2: Update the background image in each slide. ...
- Step 3: Update the text layers in each slide. ...
- Step 4: Edit the button text and design in each slide. ...
- Step 5: Edit the slider navigation.