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.

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

2] 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

3] How to create slider with animation?

=> 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.