1. What is jQuery?

jQuery is a fast, small, and feature-rich JavaScript library designed to simplify HTML document traversal and manipulation, event handling, animation, and AJAX interactions. It provides an easy-to-use API for common tasks, making it popular for front-end web development.

1. How to Apply CSS Using jQuery, Add Class, and Remove Class in jQuery, jQuery Animation?

Applying CSS Using jQuery: You can apply CSS styles to elements using jQuery's .css() method.

Adding Class: To add a class to an element, use the **.addClass()** method

Removing Class: To remove a class from an element, use the **.removeClass()** method

jQuery Animation: jQuery provides animation methods like .animate(), .slideDown(), .slideUp(), .fadeIn(), .fadeOut()