

## What is jQuery?

- jQuery is an JavaScript library.
- 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.
- ✓ Open-source
- ✓ Feature-rich
- **JavaScript library, designed to simplify the**
  - ✓ HTML document traversal and manipulation
  - ✓ Event handling
  - ✓ Animation
  - ✓ Ajax
  - ✓ With an easy-to-use API that supports the multiple browsers.
- **The jQuery library contains the following features:**
  - ✓ HTML/DOM manipulation
  - ✓ CSS manipulation
  - ✓ HTML event methods
  - ✓ Effects and animations
  - ✓ AJAX
  - ✓ Utilities
- **jQuery Points :**
  - ✓ It makes the easy interaction between the HTML & CSS document, Document Object Model (DOM), and JavaScript.
  - ✓ With the help of jQuery, the multiple lines of code can be wrapped into methods, which in turn, can be called with a single line of code to perform a particular task.
  - ✓ This, in turn, jQuery makes it easier to use Javascript on the website, along with enhancing the overall performance of the website.
  - ✓ jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.