M2.7. a: jQuery Syntax

What is jQuery ? Explain its syntax ?

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**

The jQuery syntax is tailor made for selecting HTML elements and performing some action on the element(s).

Basic syntax is: $(*selector*).*action*()

- **A $ sign to define/access jQuery**

- **A (*selector*) to "query (or find)" HTML elements**

- **A jQuery *action*() to be performed on the element(s)**

Examples:

$(this).hide() - hides the current element.

$("p").hide() - hides all <p> elements.

$(".test").hide() - hides all elements with class="test".

$("#test").hide() - hides the element with id="test".

Unique solution ID: #1148
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Last update: 2017-09-06 08:04