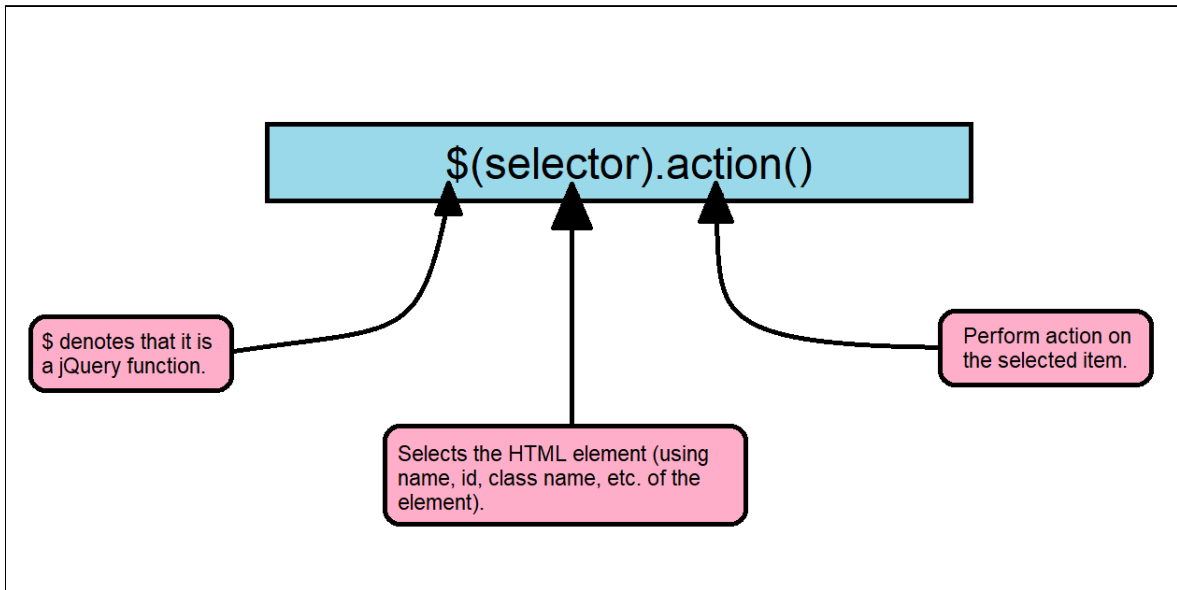


# jQuery Syntax



THE DOCUMENT READY EVENT	
<pre><code>\$(document).ready(function){      // jQuery methods go here...  });</code></pre>	<pre><code>\$(function){      // jQuery methods go here...  });</code></pre>

The ready event is beginning of the jQuery code.

This event ensures the HTML document has been loaded completely, that is all the DOM elements have been loaded before any other actions are performed on any element.

SELECTING DOM ELEMENTS LIKE div, p, class ETC.		
	JavaScript	jQuery
How?	For selecting DOM elements in JavaScript we use, <b>document.getElementById()</b> method or by using the <b>document.querySelector()</b> method.	Here, we will have to only use the <b>\$</b> symbol with the <b>"selector"</b> in brackets. The selector can be id, class name, element name.
Syntax	document.querySelector();  document.getElementById();	\$( <b>selector</b> )
Example	var el = document.querySelector("# <b>user1</b> ");  OR  var el = document.getElementById(" <b>user1</b> ");	\$("# <b>user1</b> ") – The selector is an id 'user1'  \$(". <b>users</b> ") – The selector is a class name '.users'  \$("p") – The selector is the paragraph in the HTML page.
EVENT HANDLING		
	JavaScript	jQuery
How?	For event handling in JavaScript, getElementById() method is used to select an element by its id, then we use the <b>addEventListener()</b> method to add an event listener to the event.	jQuery has <b>predefined events</b> for almost all DOM actions. We can use the specific jQuery event for an action.
Syntax	<b>element</b> .addEventListener("listenerName", <b>function</b> () {  //some click action  });	\$( <b>selector</b> ).click ( <b>function</b> () {  //some click action  });
Example	var element= document.getElementById (" <b>btn1</b> ")  <b>element</b> .addEventListener ("click", <b>function</b> () { console.log ("Button is clicked!"); });	\$("p").click( <b>function</b> (){ \$( <b>this</b> ).hide(); });

GET DOM CONTENT		
	JavaScript	jQuery
How?	The <b>getAttribute()</b> method returns the value of the attribute with the specified name, of an element.	<b>text()</b> - Returns the text content of selected elements.  <b>html()</b> - Returns the content of selected elements (including HTML markup).  <b>val()</b> - Returns the value of form fields  <b>attr()</b> method is used to get attribute values.
Syntax	element.getAttribute(attributename)	\$( <b>selector</b> ).text()  \$( <b>selector</b> ).attr(attributename);
Example	var el = document.getElementById("ref");  el.getAttribute("href");	var someText=\$( "#test" ).text()  var id = \$( <b>this</b> ).attr("href");
SET DOM CONTENT		
	JavaScript	jQuery
How?	The <b>setAttribute()</b> method adds the specified attribute to an element, and gives it the specified value. If the specified attribute already exists, only the value is set/changed.	<b>text()</b> - Sets or returns the text content of selected elements.  <b>html()</b> - Sets or returns the content of selected elements (including HTML markup).  <b>val()</b> - Sets or returns the value of form fields.  <b>attr()</b> method is used to set attribute values.
Syntax	element.setAttribute(attributename, attributevalue)	\$( <b>selector</b> ).text("some text")  \$( <b>selector</b> ).attr(attributename, attributevalue);
Example	var el = document.getElementById("ref"); el.setAttribute("href","https://www.whitehatjr.com/");	\$( <b>selector</b> ).text("Hi There!") \$( <b>this</b> ).attr("href","https://www.whitehatjr.com/");

APPEND ELEMENT		
	JavaScript	jQuery
How?	The <b>appendChild()</b> method appends element node to another element node.	<b>append()</b> - Inserts content at the end of the selected elements.  <b>prepend()</b> - Inserts content at the beginning of the selected elements.  <b>after()</b> - Inserts content after the selected elements.  <b>before()</b> - Inserts content before the selected elements.
Syntax	elementNode1.appendChild(elementNode2)	\$( <b>selector</b> ).append(element)
Example	<pre>var sceneEl = document.createElement("a-scene"); var el = document.createElement("a-entity"); sceneEl.appendChild(el);</pre>	<pre>\$("#p").append("some text appended.");</pre>
REMOVE ELEMENT		
	JavaScript	jQuery
How?	The <b>removeChild()</b> method removes the element node from another element node.	<b>remove()</b> - Removes the selected element (and its child elements).  <b>empty()</b> - Removes the child elements from the selected element.
Syntax	elementNode1.removeChild(elementNode2)	\$( <b>selector</b> ).remove(); \$( <b>selector</b> ).empty();
Example	<pre>var sceneEl = document.createElement("a-scene"); var el = document.createElement("a-entity"); sceneEl.removeChild(el);</pre>	<pre>\$("#div1").remove(); \$("#div1").empty();</pre>

Source: [w3schools jQuery](https://www.w3schools.com/jquery/)