

Course Topic: jQuery

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The Way of Writing jQuery

Let us learn how we will be writing jQuery Codes from below:

SYNTAX:

The jQuery codes are written as follows:

```
$(selector).action()
```

Where:

`$` = Define/Access jQuery

`(selector)` = HTML Tag/Element

`action()` to be performed on the element(s)

EXAMPLE:

See the below examples and know about **SELECTOR** and **ACTION**

```
$(this).hide() = Hides Current Element
```

```
$("p").hide() = Hides all <p> Elements
```

```
$(".test").show() = Shows all Elements where class="test"
```

```
$("#test").show() = Shows the Element where id="test"
```

Selectors in jQuery

Syntax	Description
<code>\$ ("*")</code>	Selects all Elements/Tags
<code>\$ (this)</code>	Selects the Current HTML Element/Tag
<code>\$ ("p.intro")</code>	Selects all <p> Elements where class="intro"
<code>\$ ("p:first")</code>	Selects the First <p> Element
<code>\$ ("ul li:first")</code>	Selects the First Element/Tag of the First
<code>\$ (" [href] ")</code>	Selects all Elements/Tags with an href= Attribute
<code>\$ ("a[target='_blank']")</code>	Selects all <a> Elements where target="_blank"
<code>\$ ("a[target!='_blank']")</code>	Selects all <a> elements where target="_blank" is not Available
<code>\$ (":button")</code>	Selects all <input> Elements/Tag where type="button" Select all <button> Elements/Tags
<code>\$ ("tr:even")</code>	Selects all even <tr> Elements/Tags
<code>\$ ("tr:odd")</code>	Selects all odd <tr> Elements/Tags

Actions in jQuery (Functions)

Mouse Events	Description
<code>click()</code>	The function is executed when the user clicks on the HTML element
<code>dblclick()</code>	The function is executed when the user double-clicks on the HTML element
<code>mouseenter()</code>	The function is executed when the mouse pointer enters the HTML element
<code>mouseleave()</code>	The function is executed when the mouse pointer leaves the HTML element
<code>mousedown()</code>	The function is executed, when the left mouse button is pressed down, while the mouse is over the HTML element
<code>mouseup()</code>	The function is executed, when the left mouse button is released, while the mouse is over the HTML element
<code>hover()</code>	The <code>hover()</code> method takes two functions and is a combination of the <code>mouseenter()</code> and <code>mouseleave()</code> methods.

Keyboard Events	Form Events	Document Event, or Window Events
<code>keypress()</code>	<code>submit()</code>	<code>load()</code>
<code>keydown()</code>	<code>change()</code>	<code>resize()</code>
<code>keyup()</code>	<code>focus()</code>	<code>scroll()</code>
	<code>blur()</code>	<code>unload()</code>