jQuery

**jQuery Syntax :**

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

1. $ = sign to define/access jQuery
2. (*selector*) = find HTML elements
3. *action*() = 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".

**The Document Ready Event :**

The code inserted between $(document).ready( ) is executed only once when page is ready for JavaScript code to execute.

$(document).ready(function(){  
   *// jQuery methods go here...*  
});

**Shorter method for the document ready event:**

 $(document).ready( ), you can use shorthand notation $( ) only.

$(function(){  
   *// jQuery methods go here...*  
});

**jQuery Selectors**

1. **The element Selector :** $("element\_name")
2. **The #id Selector :** $("#id\_name")
3. **The .class Selector :** $(“.class\_name”)

More Examples of jQuery Selectors:

1. $("\*") Selects all elements
2. $(this) Selects the current HTML element
3. $("p.intro") Selects all <p> elements with class="intro"
4. $("p:first") Selects the first <p> element
5. $("ul li:first") Selects the first <li> element of the first <ul>
6. $("ul li:first-child") Selects the first <li> element of every <ul>
7. $("[href]") Selects all elements with an href attribute
8. $("a[target='\_blank']") Selects all <a> elements with a target attribute value = "\_blank"
9. $("a[target!='\_blank']") Selects all <a> elements with a target attribute value != "\_blank"
10. $(":button") Selects all <button> elements and <input> elements of type="button"
11. $("tr:even") Selects all even <tr> elements
12. $("tr:odd") Selects all odd <tr> elements

**Events of jQuery:**

Mouse Events of jQuery:

1. Click
2. Dblclick
3. Mouseenter
4. Mouseleave
5. contextMenu

Keyboard Events of jQuery:

1. Keypress
2. Keydown
3. Keyup

Form Events of jQuery:

1. Submit
2. Select
3. Change
4. Focus
5. Blur

Document/Window Events of jQuery:

1. Load
2. Resize
3. Scroll
4. Unload

**jQuery method**

**html for GET and SET :**

* text()  - Sets or returns the text content of selected elements
* html()   - Sets or returns the content of selected elements (including HTML markup)
* val()  - Sets or returns the value of form fields

**Add Elements:**

* append() - Inserts content at the end of the selected elements
* prepend() - Inserts content at the beginning of the selected elements
* after() - Inserts content after the selected elements
* before() - Inserts content before the selected elements

**Remove Elements:**

* remove() - Removes the selected element (and its child elements)
* empty() - Removes the child elements from the selected element

**Get and Set CSS Classes:**

* addClass()  - Adds one or more classes to the selected elements
* removeClass()  - Removes one or more classes from the selected elements
* toggleClass()  - Toggles between adding/removing classes from the selected elements
* css()  - Sets or returns the style attribute

**jQuery css() Method:**

css("*propertyname*","*value*");

**jQuery Dimension Methods:**

* width()
* height()
* innerWidth()
* innerHeight()
* outerWidth()
* outerHeight()