```
$('button').click() // clicks on button
- $('button').click(function(){
    // Does something when clicked
    $(this).hide()
})
```

Starting

```
$(document).ready(function(){
    // Do everything here.
})

// This is identical
$(function(){
    // Do everything here.
})
```

Selecting

```
$("*") // Selects all elements.
```

Events

- hover can take two functions as argument. One for hover in, other for hover out.

Attach multiple event handlers

```
// demoing the on method
$('p').on(
    {
        click: function() {
            console.log('Thanks for clicking', this);
        },
        mouseleave: function () {
            console.log("mouseleave");

        }

    })
```

Actions

hide and show

- hide and show can take two arguments: time_in_milliseconds, callback_function.

```
$('#wiki').hide(1000, function () {
    console.log("hidden");
})
$('#wiki').show(1000, function () {
    console.log("show");
})
```

- toggle
- fadeIn, fadeOut
- fadeTo
- fadeToggle

```
// Animate function in jQuery
// $('#wiki').animate({
//      opacity:0.3,
//      height: '150px',
//      width:'350px'

// }, "fast")
// $('#wiki').animate({ opacity: 0.3 }, 4000);
// $('#wiki').animate({ opacity: 0.9 }, 1000);
// $('#wiki').animate({ width: '350px' }, 12000);

// $('#ta').val('setting it to harry');
// $('#ta').html('setting it to harry');
// $('#ta').html('setting it to harry3');
// $('#inp').html('setting it to harry3');
// $('#inp').val('setting it to harry3');
// $('#inp').empty()
// $('#wiki').empty()
// $('#wiki').text('you are good')
// $('#wiki').remove()
```

```
//       $('#wiki').addClass('myclass')
// $('#wiki').addClass('myclass2')
// $('#wiki').removeClass('myclass2')
// $('#wiki').css('background-color', 'red')
// $('#wiki').css('background-color')
```

- toggleClass

Ajax

- Art of transferring data without interfering user experience.

```
// AJAX Using jQuery
$.get('https://code.jquery.com/jquery-3.3.1.js', function (data, status) { alert(data); })

$.get('https://code.jquery.com/jquery-3.3.1.js', function (data, status) { alert(status); })

$.post('https://code.jquery.com/jquery-3.3.1.js',
    { name: 'harry', channel: 'code with harry' },
    function (data, status) { alert(status) });
```

Display image when loaded

```javascript
    var img = new Image(),
        x = document.getElementById("image");
    console.log(x);
    img.onload = function () {
        x.src = img.src;
    };

    img.src = "https://wallpaperaccess.com/download/hd-30100"
})
```