jQuery

It is the most popular Javascript library. Created by John Resig.

The purpose was to write less and do more using JavaScript.

So, jQuery can be initiated by using <script src=”jquery.js”>

And in JavaScript file, use $ sign.

For example, selecting elementName can be done using

$(“elementName”);

CSS can be manipulated further using

$(“elementName”).css(“property”, “value”);

Classes can be added using

$(“elementName”).addClass(“class\_name”);

Text and HTML:

$(“elementName”).text(“desiredtext”);

$(“elementName”).html(“desiredHTML”);

Adding event listener

$(“elementName”).on(“event”,”function”);

Or using : $(“elementName”).event(function() {} );

Adding or removing elements:

Adding:

$(“elementName”).before(“desiredHTML”); //inside the elementName element just before <elementName>

$(“elementName”).after(“desiredHTML”); //inside the elementName element just after </elementName>

$(“elementName”).prepend(“desiredHTML”); //inside the elementName element just after <elementName>

$(“elementName”).append(“desiredHTML”); //inside the elementName element just before </elementName>

Removing

$(“elementName”).remove();

Animations

$(“elementName”).animationMethod(); //slideIn, show, hide and much more (see in cheatsheets)

Several animations in succession can be done using chaining the methods.

$(“elementName”).animationMethod().animationMethod().animationMethod(); and so on;

Also using custom animations:

$(“elementName”).animate({custom animation. For ex. Opacity: 0.5;})

Note: The custom animation shall only happen for css properties that take numerical values. Not possible for font family, color, background color, etc.