**JQuery Effects**

1. hide() method:

The jQuery hide() method is used to hide the selected elements.

Syntax:

$(selector).hide();

$(selector).hide(speed, callback);

$(selector).hide(speed, easing, callback);

speed: It is an optional parameter. It specifies the speed of the delay. Its possible vales are slow, fast and milliseconds.

easing: It specifies the easing function to be used for transition.

callback: It is also an optional parameter. It specifies the function to be called after completion of hide() effect.

1. Show() method:

The jQuery show() method is used to show the selected elements.

Syntax:

$(selector).show();

$(selector).show(speed, callback);

$(selector).show(speed, easing, callback);

speed: It is an optional parameter. It specifies the speed of the delay. Its possible vales are slow, fast and milliseconds.

easing: It specifies the easing function to be used for transition.

callback: It is also an optional parameter. It specifies the function to be called after completion of show() effect.

1. Toggle() method:

The jQuery toggle() is a special type of method which is used to toggle between the hide() and show() method. It shows the hidden elements and hides the shown element.

**Syntax:**

$(selector).toggle();

$(selector).toggle(speed, callback);

$(selector).toggle(speed, easing, callback);

$(selector).toggle(display);

**speed**: It is an optional parameter. It specifies the speed of the delay. Its possible vales are slow, fast and milliseconds.

**easing**: It specifies the easing function to be used for transition.

**callback**: It is also an optional parameter. It specifies the function to be called after completion of toggle() effect.

**display**: If true, it displays element. If false, it hides the element.

**Fading Methods**

jQuery has the following fade methods:

fadeIn()

fadeout()

fadeToggle()

fadeTo()

1. fadeIn() method:

jQuery fadeIn() method is used to fade in the element.

**Syntax**:

$(selector).fadein();

$(selector).fadeIn(speed,callback);

$(selector).fadeIn(speed, easing, callback);

**speed**: It is an optional parameter. It specifies the speed of the delay. Its possible vales are slow, fast and milliseconds.

**easing**: It specifies the easing function to be used for transition.

**callback**: It is also an optional parameter. It specifies the function to be called after completion of fadein() effect.

1. fadeout() method:

The jQuery fadeOut() method is used to fade out the element.

**Syntax**:

$(selector).fadeOut();

$(selector).fadeOut(speed,callback);

$(selector).fadeOut(speed, easing, callback);

**speed**: It is an optional parameter. It specifies the speed of the delay. Its possible vales are slow, fast and milliseconds.

**easing**: It specifies the easing function to be used for transition.

**callback**: It is also an optional parameter. It specifies the function to be called after completion of fadeOut() effect.

1. fadeToggle() method:

jQuery fadeToggle() method is used to toggle between the fadeIn() and fadeOut() methods. If the elements are faded in, it will make them faded out and if they are faded out it will make them faded in.

**Syntax**:

$(selector).fadeToggle();

$(selector).fadeToggle(speed,callback);

$(selector).fadeToggle(speed, easing, callback);

1. fadeTo() method:

jQuery fadeTo() method is used to fading to a given opacity.

**Syntax**:

$(selector).fadeTo(speed, opacity);

$(selector).fadeTo(speed, opacity, callback);

$(selector).fadeTo(speed, opacity, easing, callback);

**Sliding methods**

1. slideDown() method:

jQuery slideDown() method is used to slide down an element.

**Syntax**:

$(selector).slideDown(speed);

$(selector).slideDown(speed, callback);

$(selector).slideDown(speed, easing, callback);

1. slideUp() method:

jQuery slideDown() method is used to slide up an element.

**Syntax**:

$(selector).slideUp(speed);

$(selector).slideUp(speed, callback);

$(selector).slideUp(speed, easing, callback);

1. slideToggle() method:

jQuery slideToggle () method is used to toggle between slideUp() and slideDown() method. If the element is slide down, it will slide up the element and if it is slide up, it will slide down.

**Syntax**:

$(selector).slideToggle(speed);

$(selector).slideToggle(speed, callback);

$(selector).slideToggle(speed, easing, callback);

1. animate() method:

The jQuery animate() method provides you a way to create custom animations.

**Syntax**:

$(selector).animate({params}, speed, callback);

**params** parameter defines the CSS properties to be animated.

The **speed** parameter is optional and specifies the duration of the effect. It can be set as "slow" , "fast" or milliseconds.

The **callback** parameter is also optional and it is a function which is executed after the animation completes.