**jQuery Basic, Effects & Advanced**

**Q. What is jQuery?**

Ans. jQuery is a fast and small library of JavaScript. Learning jQuery is simple.

* jQuery is designed to make using JavaScript on your website simpler. jQuery is an open-source JavaScript library.
* Many typical operations that may be completed with multiple lines of JavaScript code are wrapped into methods that can be called with just one line of code by jQuery.
* You can use jQuery on any platform.
* "Write less, do more" is what jQuery stands for.
* A $ sign is to access jQuery and work with jQuery CDN.
* You can use jQuery selectors to select and Changes in elements.

jQuery Syntax

**$(document). ready(function(){**  code here   
**});**

**Q. How to Apply CSS Using jQuery, How to Add Class and Remove Class in Jquery , JQuery Animation?**

Ans.

CSS property syntax is using jQuery

Syntax = css("propertyname","value");

Ex. $("h1").css("background-color", "yellow");

With help of comma (,) we add Multiple CSS Properties.

Syntax = css({"propertyname":"value","propertyname":"value",});

Ex. $("h1").css({"background-color": "red", "font-size": "10px"});

Add Class and Remove Class in jQuery :

addClass() - One or more classes can be added to the chosen items using the addClass().

<script>

$(document).ready(function(){

$("button").click(function(){

$("h1").addClass("blue");

});

});

</script>

removeClass() - Removes one or more classes from the chosen items using the removeClass.

Ex- <script>

$(document).ready(function(){

$("button").click(function(){

$("h1").removeClass("blue");

});

});

</script>

|  |  |
| --- | --- |
| <script>  $(document).ready(function(){  $("button").click(function(){  $("div").animate({left: '250px'});  });  });  </script> | <script>  $(document).ready(function(){  $("button").click(function(){  $("div").animate({  left: '250px',  opacity: '0.5',  });  });  });  </script> |

jQuery Animation- jQuery animation is the same as CSS, but the difference is syntax. We can add more than one CSS in a single syntax.

Q. How to create slider with animation?

Ans.

**SlideDown 🡺**

<script>

$(document).ready(function(){

$("#flip").click(function(){

$("#panel").slideDown("slow");

});

});

</script>

In this example, the slider is coming down, and with the slow attribute, we can control the slider speed (slow or fast). We can also attach animations to the slider with the animate jQuery.

**SlideUp 🡺**

* <script>

$(document).ready(function(){

$("#flip").click(function(){

$("#panel").slideUp("slow");

});

});

</script>

In this example, the slider is coming up side, and with the slow attribute, we can control the slider speed (slow or fast).

**SlideToggle()** 🡺 SlideToggle works like both ( sildeup or slideDwon) with a single button or element with animation.

<script>

$(document).ready(function(){

$("#flip").click(function(){

$("#panel").slideToggle("slow");

$("div").animate({

opacity: '0.5',

});

});

});

</script>