

# **Jquery basic, Effects & advanced**

## **1.what is JQuery**

ans. jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

## **2.How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery, JQuery Animation?**

ans. apply css using JQuery: the `css()` method sets or return one or more style properties for the selected elements.

to return the value of a specified css property.

exa. `css("propertyname");`

`$("p").css("background-color","yellow");`

how to add class and remove class in jquery

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.
9      <script>
10         $(Document).ready(function()
11         {
12             $("button").click(function()
13             {
14                 $("p:first").addClass("intro");
15             })
16         })
17     </script>
18     <style>
19         .intro
20         {
21             color: red;
22             font-size: 30px;
23         }
24     </style>
25 </head>
26 <body>
27     <p>this is paragraph</p>
28     <p>this is another paragraph</p>
29     <button>add class</button>
30 </body>
31 </html>
```

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by the same method you can remove class in JQuery.

Jquery animation

hide element example:

```

3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.
  js"></script>
8   <title>Document</title>
9   <script>
10    $(Document).ready(function()
11    {
12    $("button").click(function()
13    {
14    |    $("h1").hide(2000);
15    |    })
16    |    })
17    </script>
18 </head>
19 <body>
20   <h1>hello world</h1>
21   <h1>hello world</h1>
22   <h1>hello world</h1>
23   <h1>hello world</h1>
24   <h1>hello world</h1>
25   <button>element hide</button>
26 </body>
27 </html>

```

hide and show

```

3  ∨ <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js">
8      <title>Document</title>
9  ∨ <script>
10 ∨     $(Document).ready(function()
11     {
12 ∨         $(".hide").click(function()
13         {
14             $("h1").hide(1000);
15         })
16 ∨         $(".show").click(function()
17         {
18             $("h1").show(1000);
19         })
20     })
21 </script>
22 </head>
23 ∨ <body>
24     <h1>hello world</h1>
25     <h1>hello world</h1>
26     <h1>hello world</h1>
27     <h1>hello world</h1>
28     <h1>hello world</h1>
29     <button class="hide">element hide</button>
30     <button class="show">show</button>
31 </body>
32 </html>

```

fade in and fade out

```

7      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.
      js"></script>
8      <title>Document</title>
9      <style>
10         div
11         {
12             height: 150px;
13             width: 150px;
14             background-color: ☐black;
15         }
16     </style>
17 </head>
18 <body>
19     <div></div>
20     <button class="b1">fade out</button>
21     <button class="b2">fade in</button>
22     <script>
23         $(Document).ready(function()
24         {
25             $(".b1").click(function()
26             {
27                 $("div").fadeOut();
28             })
29             $(".b2").click(function()
30             {
31                 $("div").fadeIn();
32             })
33         })
34     </script>
35 </body>
36 </html>

```

toggle

```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.
      js"></script>
8      <title>Document</title>
9      <style>
10         div
11         {
12             height: 150px;
13             width: 150px;
14             background-color: brown;
15         }
16     </style>
17 </head>
18 <body>
19     <div></div>
20     <button>toggle</button>
21     <script>
22         $(Document).ready(function()
23         {
24             $("button").click(function()
25             {
26                 $("div").toggle(1000);
27             })
28         })
29     </script>
30 </body>
31 </html>

```

## 2. how to create slider with animation?

ans. you can make slider using three types

1.slidedown()

2.slideup()

3.slidetoggle()

slidedown() and slideup()

```

6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.
8   js"></script>
9   <title>Document</title>
10  <style>
11    div
12    {
13      width: 150px;
14      height: 150px;
15      background-color: cornflowerblue;
16    }
17  </style>
18  </head>
19  <body>
20    <div></div>
21    <button class="up">slideup</button>
22    <button class="down">slidedown</button>
23    <script>
24      $(Document).ready(function()
25      {
26        $(".up").click(function()
27        {
28          $(".div").slideUp();
29        })
30        $(".down").click(function()
31        {
32          $(".div").slideDown();
33        })
34      })
35    </script>
36  </body>
37  </html>

```

slidetoggle()

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.
      js"></script>
8      <title>Document</title>
9  <style>
10     div
11     {
12         height: 150px;
13         width: 150px;
14         background-color: ■ brown;
15     }
16 </style>
17 </head>
18 <body>
19     <div></div>
20     <button>toggle</button>
21     <script>
22         $(Document).ready(function()
23         {
24             $("button").click(function()
25             {
26                 $("div").slideToggle(1000);
27             })
28         })
29     </script>
30 </body>
31 </html>
```