

Front-end “JQuery Basic, Effects & Advance”

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WD_MODULE: 5 (JQuery Basic, Effects & Advance)

❖ What is JQuery?

- 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.

❖ How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery, JQuery Animation?

- To apply and make changes into CSS using JQuery, There are many types of CSS methods, which means that each method has the same name but takes different parameters.
- We will discuss only two methods, one of which is used to change a single CSS property, while the other is used to change multiple CSS properties simultaneously.

Syntax: _

```
$.css(propertyname, value);  
$.css(properties);
```

- To add class via using JQuery, the **addClass()** method adds one or more class names to the selected elements.

Syntax: _

```
$(selector).addClass(classname,function(index,currentclass))
```

- To remove a class via using JQuery, the **removeClass()** method removes one or more class names from the selected elements.

Syntax: _

```
$(selector).removeClass(classname,function(index,currentclass))
```

- The jQuery **animate()** method is used to create custom animations.
- The **animate()** method is an inbuilt method in jQuery which is used to change the state of the element with CSS style.
- This method can also be used to change the CSS property to create the animated effect for the selected element.

Syntax:
\$(selector).animate({params},speed,easing,callback);

❖ How to create a slider with animation?

