

# jQuery

lightweight Javascript Library

Write less, do more

Short Selectors

Variety of Animation Functions

Easy DOM Manipulation

Easy CSS Styling

Easy DOM Traversing

Simple Ajax Code

Date : / /

Page No.

document.getElements By Class Name ('classname')

`$('.classname')`

document.get Element By Id ('idname')

`$('#idname')`

document.get Elements By Tag Name ('tagname')

`$(tagname)`

Benefits of ~~J~~Query  $\Rightarrow$

- o Browser Independent
- o Increase Coding Speed

3 Steps to Implement ~~J~~Query in HTML

Step-1 Download ~~J~~Query.js file.

Step-2 Include ~~J~~Query.js file in HTML file.

Step-3 Do ~~J~~Query code in <script> tag.

How to use Downloaded file in jquery :-

```
<html>
  <head>
    <script src="jquery.js"></script>
  </head>
  <body>
    <h1> Yahoo Baba </h1>
  </body>
</html>
```

We can again use `<script>` tag in `<head>` tag or `<body>` tag

jquery.com

Download jquery file

Compressed  $\Rightarrow$  Unreadable, ~~Not~~ Open easily,  
minified file.

Uncompressed  $\Rightarrow$  Readable

```
<html>
<head>
<title> Learn jQuery </title>
<script src = "js/jquery.js"></script>
</head>
<body>
<h1> jQuery Implementation </h1>
<script>
$(document).ready(function() {
    alert();
});
</script>
</body>
</html>
```

## jQuery Implementation with CDN

### Content Delivery Network

- 1 Use jQuery with a CDN

To support old Version of Browser Use  
jQuery 1.x or jQuery 2.x

jQuery 3.x => Minified

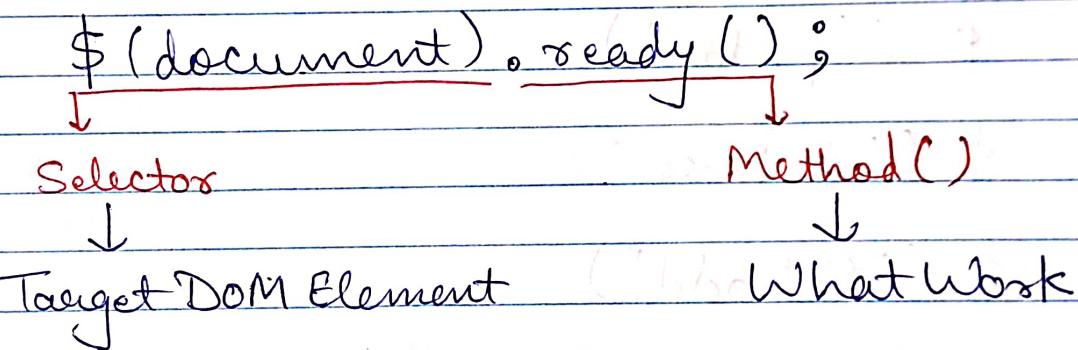
## Using CDN Path

```

<html>
<head>
<title> Learn jQuery </title>
<script>
    Copied Link
</script>

```

## jQuery (Basic Syntax)



### Example

Some Text
-----------

`id="test"`

```

$(document).ready(function () {
    var a = $("#test").html();
    console.log(a);
});

```

## Advance Selectors

`$ ("*")`

`$ ("ul li")`

`$ (" .abc, .xyz ")`

`$ (" h1, div, p ")`

`$ (" p :first ")`

`$ (" p :last ")`

`$ (" li :even ")`

`$ (" li :odd ")`

## jQuery Mouse Events

### Click

```
$ (document).ready (function () {
    $('#box').click (function () {
        $('#box').css ('background-color', 'green');
    });
});
```

Property      Value

### dbl click

```
$ (document).ready (function () {
    $('#box').click (function () {
        $('#box').css ('background-color', 'green');
    });
});
```

### Context menu (right click)

```
$ (document).ready (function () {
    $('#box').contextmenu (function () {
        $('#box').css ('background-color', 'blue');
    });
});
```

Date : / /  
Page No.

### Mouse enter

`$( '#box' ).mouseenter( function() {  
 $( '#box' ).css('background-color', 'purple');  
});`

### Mouse leave

`Same as Mouse enter`

# JQuery

Page No.	1
Date	

## Activity 2

1

```
<body>
<p class = "ignore"> </p>
<p> </p>
<p class = "ignore"> </p>
<p> </p>
<script src = "jquery.js"></script>
<script>
$( 'p:not(.ignore)' ).css ('background-color',
'yellow');
</script>
```

2

```
<body>
<p> REPLACE_ME </p>
<p> Key </p>
<p> REPLACE_ME </p>
<p> Hi </p>
<script src = "jquery.js"></script>
<script>
$( 'p:contains' )
$( 'p:contains("REPLACE_ME")' ).css
('background-color', 'yellow');
</script>
```

we can also write

```
$( 'p:contains(REPLACE_ME)' ).replaceWith
("REPLACED!");
```

4

```

<body>
<h1> Heading 1 </h1>
<h2> Heading 2 </h2>
<p> Paragraph 1 </p>
<h3> Heading 3 </h3>
<button type = "button" name = "click"
        id = "click"> Click me </button>
    
```

```

<script src = "jquery.js"></script>
<script>
$( '#click' ).click ( function () {
$( '.header' ).css ( { "color": "red" } );
});
</script>
    
```

3

```

<div class = "container" >
<p> This is Paragraph Tag </p>
<p> This is Special </p>
<p> This is paragraph </p>
<button type = "button" name = "click"
        id = "click"> Click me </button>
<script src = "jquery.js"></script>
<script>
$( '#click' ).click ( function () {
$( '.container' ).fadeOut ('slow');
});
</script>
    
```

5

```

<body>
  <li><class = "a">Apple</li>
  <li>Mango</li>
  <li><class = "a">Orange</li>
  <li>Banana</li>
  <li><class = "a">Grapes</li>
  <button type = "button" name = "click" id = "click">
    Click me</button>

```

```

<script src = "jquery.js"></script>
<script>
  $('#click').click(function() {
    $('.a').css({ "color": "red" });
  });
</script>

```

### Activity 3

```

<body>
  <a href = "#link" id = "my link">Google</a>
  <script src = "jquery.js"></script>
  <script>
    $(document).ready(function() {
      $('#my link').attr('href', '#link').text('Google');
    });
  </script>

```

## Activity 4

```
<button type="button" name="click"
    id="print"> Click me </button>
```

<Script Src = >

<script >

```
$ (document).ready(function () {
    $('#print').on('click', function () {
        window.print();
    });
});
```

</script >

Page  
305

## Activity 5

<div> Hey! My name is Deekshi Chakraborty. </div>

<button id="hide"> Hide </button>

<button id="Show"> Show </button>

<script Src = "jquery.js" > </script >

<script >

```
$(document).ready(function () {
    $('#hide').click(function () {
        $("div").hide();
    });
});
```

```
$("#show").click(function () {
    $("div").show();
});
```

### Activity-6

<body>  
 <h1> Hey ! My name is Drishti </h1>

<input type="text" id="textbox" placeholder="Enter your text here">

<button id="update"> Click to update text </button>

<script src="jquery.js"></script>

```
<script>
$(document).ready(function () {
    $('#update').click(function () {
        var text = $('#textbox').val();
        $('#update').text(text);
    });
});
```

### Activity-7

<body>

<div id="box">

<p> Hey ! My name is Drishti </p>

</div>

<button id="toggle"> Toggle text </button>

<script src="---">

```
<Script>
$(document).ready(function () {
  $('#toggle').click(function () {
    $('#box').toggle("fast");
  });
})
```

## Activity-8 <body>

```
<h1> Enter your Name </h1>
<input type = "text" id = "demo" name = "text"
Placeholder = "Enter Your Name">
<input type = "checkbox" id = "checkbox" name = "text"
value = "I agree"><br><br>
<input type = "button" id = "submit" name = "text3"
value = "Submit" >
```

```
<Script src = "jquery.js"></Script>
<Script>
$("#checkbox").click(function () {
  if ($("#checkbox").is(':disabled')) {
    $("#submit").removeAttr('disabled');
  } else {
    $("#submit").attr('disabled', 'disabled');
  }
});
```

Activity-9

```

<body>
  <h1> key Up Event </h1>
  <label for="text-input"> Enter Some Text </label>
  <input type="text" id="text-input">
  <script src="jquery.js"></script>
  <script>
    $(document).ready(function () {
      $('#text-input').keyup(function () {
        alert($(this).val());
      });
    });
  </script>

```