

JQUERY

To start using jQuery, include it in your HTML file:

CDN (Recommended)

```
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
```

Local File

Download the jQuery library from [jQuery.com](https://jquery.com), then include it:

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

```
$('#id')  
.on
```

Changing the text

```
<!DOCTYPE html>  
<html>  
<head>  
  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>  
</head>  
<body>  
  <p id="demo">Hello, World!</p>  
  <button id="changeText">Change Text</button>  
  <script>  
    $(document).ready(function() {  
      $('#changeText').click(function() {  
        $('#demo').text('New Text!');  
      });  
    });  
  </script>  
</body>  
</html>
```

Toggle the visibility

```

<!DOCTYPE html>
<html>
<head>
  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
</head>
<body>
  <p id="demo">This is a paragraph.</p>
  <button id="toggle">Toggle Visibility</button>
  <script>
    $(document).ready(function() {
      $('#toggle').click(function() {
        $('#demo').toggle();
      });
    });
  </script>
</body>
</html>

```

```

<!DOCTYPE html>
<html>
<head>
  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
</head>
<body>
  <button id="loadData">Load Data</button>
  <div id="result"></div>
  <script>
    $(document).ready(function() {
      $('#loadData').click(function() {
        $.ajax({
          url: 'https://jsonplaceholder.typicode.com/posts/1',
          type: 'GET',
          success: function(data) {
            $('#result').html('<h3>' + data.title + '</h3><p>' + data.body + '</p>');
          },
          error: function() {
            $('#result').text('Error loading data');
          }
        });
      });
    });
  </script>
</body>
</html>

```

Dom manipulation

`$(selector).action`

```
$("#mydiv").html("<p> this is a paragraph");  
$("#mydiv").addClass("active");
```

```
$("#myButton").click(function(){  
    alert("Button clicked!");  
});
```

```
$("#myDiv").hover(  
    function() { $(this).css("background-color", "yellow"); },  
    function() { $(this).css("background-color", ""); }  
);
```

```
$("#myDiv").on("click", function() {  
    alert("Div clicked!");  
});
```

AJAX

```
$.ajax({  
    url: "myfile.php",  
    type: "GET",  
    //it is a callback func that executes if AJAX req is successful  
    success: function(response) {  
        $("#result").html(response);  
    }  
});
```

```
$("#myDiv").fadeIn(1000); // Fade in over 1 second
```