

PRACTICAL 9**1.****AIM :-****Demonstrate selector in jQuery and Implement Click event of any element.**

1. On click of a button, welcome message should display.

Code : -

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js">
</script>
<script>
$(document).ready(function(){
$("#welcome-btn").click(function(){
$("#welcome-msg").text("Welcome to our website!");

</script>
</script>
</head>
<body>
<button id="welcome-btn">Click me!</button>
<div id="welcome-msg"></div>
</body>
</html>
```



2. There are five input textboxes. On click of the input box, the background colour should change to yellow.

Code : -

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <script
    src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></scri
    pt> <script>
    $(document).ready(function(){
      $(".input-box").click(function(){
        $(this).css("background-color", "yellow");
      });
    });
  </script>
</head>
<body>
  <input type="text" class="input-box">
  <input type="text" class="input-box">
  <input type="text" class="input-box">
  <input type="text" class="input-box">
  <input type="text" class="input-box">
</body>
</html>
```

Output : -

3. Remove and add different style to the element by using JQuery. Create two style classes and by default apply first one to one element. On click of a button change the elements associated property to other style.

Code : -

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></sc
ripts
<script>
$(document).ready(function(){
$("#toggle-btn").click(function(){
if($("#my-element").hasClass("style1")){
$("#my-element").removeClass("style1");
$("#my-element").addClass("style2");      } else(
$("#my-element").removeClass("style2");
$("#my-element").addClass("style1");      }));}); </script>
<style>
.style1 { color: red;
.style2 { color: blue;
</style>
</head>
<body>
<div id="my-element" class="style1">This is my element</div>
<button id="toggle-btn">Toggle Style</button>
</body> </html>
```

Output : -

This is my element

Toggle Style

This is my element

Toggle Style

4. Toggle the style properties of the element on click.**Code : -**

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>
<script>
$(document).ready(function(){
$("#toggle-btn").click(function(){
$("#my-element").toggleClass("my-style");
});
</script>
<style>
#my-element ( color: blue; font-size: 20px; font-weight: bold;
.my-style ( color: red; font-size: 30px; font-weight: normal;
</style>
</head>
<body>
<div id="my-element">Hello, world!</div>
<button id="toggle-btn">Toggle style</button>
</body>
</html>
```

Output : -

5. Create one button and a textbox. On click of the button the text written in text box should display on the button.

Code : -

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <script
    src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>
  <script>
    $(document).ready(function(){
      $("#my-btn").click(function(){
        var text =
          $("#my-textbox").val();
        $("#my-btn").text
          (text);
      });
    });
  </script>
</head>
<body>
  <button id="my-btn">Click me!</button>
  <input type="text" id="my-textbox">
</body>
</html>
```

Output : -

Document

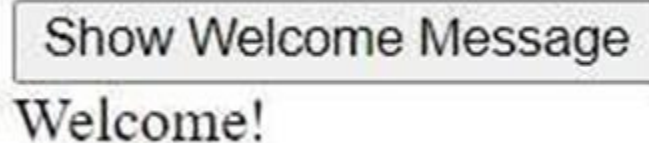
PRACTICAL 10**1. AIM :- Demonstrate following task using show hide() and toggle().**

1. Create a div tag and it should display Welcome message (by using jQuery)

Code : -

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></scripts>
<script>
$(document).ready(function(){
$('#welcome-button').click(function(){
$('#welcome-message').show();

</scripts>
</head>
<body>
<button id="welcome-button">Show Welcome Messages/button>
<div id="welcome-message" style="display:none;">Welcome!</div>
</body> </html>
```

Output : -

Show Welcome Message

Welcome!

2. Create two div tags and assign yellow as background colour to both of them by using jQuery.

Code : -

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <script
    src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>
  <script>
    $(document).ready(function(){
      $('#yellow-div1, #yellow-div2').css('background-color', 'yellow');
    });
  </script>
</head>
<body>
  <div id="yellow-div1">This is div1 with yellow background
  color.</div> <div id="yellow-div2">This is div2 with yellow
  background color.</div>
</body>
</html>
```

Output : -

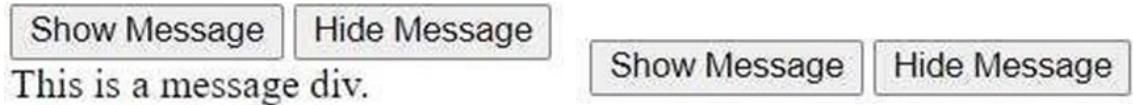
This is div1 with yellow background color.
This is div2 with yellow background color.

3. Display and hide message shown in the div tag on click of the buttons. You can use jQuery show hide.

Code : -

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <script
    src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>
  </script>
  $(document).ready(function(){
    $('#show-message').click(function(){
      $('#message').show();
    });
    $('#hide-message').click(function(){
      $('#message').hide();
    });
  });
</script>
</head>
<body>
  <button id="show-message">Show Message</button>
  <button id="hide-message">Hide Message</button>
  <div id="message" style="display:none;">This is a message div.</div>
</body>
</html>
```

Output : -



The screenshot displays the rendered HTML. On the left, there are two buttons: 'Show Message' and 'Hide Message'. Below them is a text box containing the message 'This is a message div.'. To the right of the text box, there are two more buttons: 'Show Message' and 'Hide Message'.

4. Display and hide message by using a single button. You can use jQuery toggle ().

Code : -

```
<!DOCTYPE html>

<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <script
    src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>
  <script>
    $(document).ready(function(){
      $('#toggle-message').click(function(){
        $('#message').toggle();
      });
    });
  </script>
</head>
<body>
  <button id="toggle-message">Toggle Message</button>
  <div id="message" style="display:none;">This is a message div.</div>
</body>
</html>
```

Output : -



5. Create a div tag and on click of a button it should display your name.

Code : -

```
<!DOCTYPE html>
<html>

<head>
  <title>Display Name on Button Click</title>
</head>

<body>
  <div id="nameDisplay"></div>
  <button onclick="showName()">Show My Name</button>

  <script>
    function showName() {
      document.getElementById("nameDisplay").innerHTML = "My name is
Deep Patel";
    }
  </script>
</body>

</html>
```

Output : -

My name is Deep Patel