

## JQUERY – LAB

### Q1: Hide and Show a Paragraph

#### Task:

Create a button that toggles the visibility of a paragraph using jQuery.

```
<!DOCTYPE html>
<html>
<head>
  <title>Toggle Paragraph</title>
  <script src="https://code.jquery.com/jquery-3.7.1.min.js"></script>
</head>
<body>

<button id="toggleBtn">Hide/Show</button>
<p id="text">This is a sample paragraph.</p>

<script>
  $('#toggleBtn').click(function() {
    $('#text').toggle();
  });
</script>

</body>
</html>
```

### Q2: Change Text on Click

#### Task:

Click a button to change the text of a heading (<h1>).

```
<h1 id="mainHeading">Welcome!</h1>
```

```
<button id="changeText">Change Text</button>
```

```
<script>

  $('#changeText').click(function() {
    $('#mainHeading').text('Hello from jQuery!');
  });
</script>
```

### Q3: Use jQuery Selectors

Task:

Change the background color of all paragraphs when a button is clicked.

```
<button id="colorBtn">Change Color</button>
```

```
<p>First paragraph</p>
```

```
<p>Second paragraph</p>
```

```
<script>
```

```
    $('#colorBtn').click(function() {  
        $('p').css('background-color', 'lightblue');  
    });
```

```
</script>
```

### Q4: Slide Up and Down a Div

Task:

Use slideToggle() to slide a div up and down when a button is clicked.

```
<button id="slideBtn">Slide</button>
```

```
<div id="box" style="width:200px; height:100px; background-  
color:tomato;">Hello</div>
```

```
<script>
```

```
    $('#slideBtn').click(function() {  
        $('#box').slideToggle();  
    });
```

```
</script>
```

### Q5: Chain jQuery Methods

Task:

Change the text color, hide, and then show a paragraph all in a chain.

```
<p id="chainPara">Watch me change!</p>
<button id="chainBtn">Start Chain</button>

<script>
    $('#chainBtn').click(function() {
        $('#chainPara').css('color', 'red').fadeOut(1000).fadeIn(1000);
    });
</script>
```

### Q6: Animate a Box

Task:

Animate a div's movement to the right by 250px.

```
<div id="animateBox" style="width:100px; height:100px; background-color:blue;
position:relative;"></div>

<button id="moveBtn">Move Right</button>

<script>
    $('#moveBtn').click(function() {
        $('#animateBox').animate({ left: '250px' }, 1000);
    });
</script>
```

### Q7: Form Input Alert

Task:

On clicking a button, alert the value typed in an input box.

```
<input type="text" id="nameInput" placeholder="Enter name">
<button id="showName">Show Name</button>

<script>
    $('#showName').click(function() {
        let name = $('#nameInput').val();
        alert('You entered: ' + name);
    }); </script>
```

## Q8: Load Content with AJAX

Task:

Use jQuery's .load() to fetch content from another HTML file and insert it into a div.

```
<button id="loadBtn">Load Data</button>
```

```
<div id="dataDiv"></div>
```

```
<script>
```

```
    $('#loadBtn').click(function() {
```

```
        $('#dataDiv').load('data.html'); // Ensure data.html exists
```

```
    });
```

```
</script>
```