**Course Code: CSE3150**

**Course Title: Front End Full Stack Development**

**Lab sheet -10(JQuery)**

**Problem Statement:**

Create a web page that displays multiple elements, such as text, images or buttons, and implement functionality to apply fading effects on these elements using jQuery. The user should be able to trigger the effects by clicking on designated buttons or links on the page. The fading effects should include fade in, fade out, and fade toggle, and should have customizable speed and easing options. The program should also handle multiple simultaneous fades and be compatible with different browsers and screen sizes.

***Solution***

<html>

<head>

<script src="jquery-3.6.3.js"> </script>

<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.12.2/jquery.min.js"></script>

<script >

$(document).ready(function()

{

$('#btn1').click(function()

{

$('#div1').fadeIn(2000);

$('#div2').fadeIn(4000);

$('#div3').fadeIn(6000);

})

$('#btn2').click(function()

{

$('#div1').fadeOut(2000);

$('#div2').fadeOut(4000);

$('#div3').fadeOut(6000);

})

$('#btn3').click(function()

{

$('#div1').fadeToggle(2000);

$('#div2').fadeToggle(4000);

$('#div3').fadeToggle(6000);

})

})

</script>

</head>

<body>

<p>fade with different parameters.</p>

<button id="btn1">Fade In </button>

<button id="btn2">Fade Out </button>

<button id="btn3">Fade Toggle </button>

<div id="div1" style="width:80px;height:80px;background-color:red;"></div><br>

<div id="div2" style="width:80px;height:80px;background-color:green;"></div><br>

<div id="div3" style="width:80px;height:80px;background-color:blue;"></div>

</body>

</html>