**IMPLEMENTATION OF JQUERY.**

**OBJECTIVE**

To implement and familiarize with jQuery.

**THEORY**

**jQuery**

jQuery is a JavaScript library designed to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animation, and Ajax. It is free, open-source software using the permissive MIT License. As of May 2019, jQuery is used by 73% of the 10 million most popular websites. Web analysis indicates that it is the most widely deployed JavaScript library by a large margin, having 3 to 4 times more usage than any other JavaScript library.

**SOURCE CODE**

**HTML:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<!-- jquery from cdn -->

<!-- <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script> -->

<script type="text/javascript" src="js/jquery-3.4.1.min.js"></script>

<script type="text/javascript" src="js/script.js"></script>

<title>Jquery</title>

</head>

<body>

<h2 id="title">jQuery Title</h2><br>

<div class="content">jQuery Content</div>

<button>Click Here</button>

</body>

</html>

**jQuery:**

$(document).ready(function(){

$('button').click(function(){

// // $('#title').css('color','red');//single css

// $('#title').css({'color':'red','background-color':'gray','opacity':'0.5'});//multiple css

// $('.content').html('This is a content of the jquery ');

var title = $('#title');

title.css('opacity','1');

interval = setInterval(function(){

var oldOpacity = title.css('opacity');

if(oldOpacity == 0)

clearInterval(interval);

else

title.css('opacity',oldOpacity - 0.01);

},10);

});

});

**Conclusion:**

**In this lab of Net Centric Computing, we successfully implemented the concept of jQuery.**

**OUTPUT:**

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