**Assignment-10**

1. **Name:: Shantanu More**
2. **Roll no. :: 2213547**
3. **Write a JQuery code to give animation to div on click of button.**

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Multiple Circles jQuery Animation</title>

<style>

body {

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

margin: 0;

background-color: #f2f2f2;

}

.animated-circle {

width: 100px;

height: 100px;

background-color: #3498db;

position: relative;

display: none;

border-radius: 50%; /\* Make it circular \*/

margin: 20px; /\* Add margin between circles \*/

}

#animate-button {

padding: 10px 20px;

font-size: 18px;

background-color: #27ae60;

color: #fff;

border: none;

cursor: pointer;

border-radius: 5px;

}

</style>

</head>

<body>

<div class="animated-circle"></div>

<div class="animated-circle"></div>

<div class="animated-circle"></div>

<button id="animate-button">Animate</button>

<!-- Include jQuery library -->

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

<!-- Your jQuery code -->

<script>

$(document).ready(function() {

const colors = ["#3498db", "#e74c3c", "#f1c40f", "#2ecc71", "#9b59b6"];

$("#animate-button").click(function() {

// Hide the button

$(this).hide();

// Loop through each animated circle

$(".animated-circle").each(function(index) {

const $circle = $(this);

const randomColor = colors[index % colors.length]; // Reuse colors in a loop

// Center the circle and apply a random color

$circle.css({

backgroundColor: randomColor,

left: "50%",

top: "50%",

transform: "translate(-50%, -50%)"

}).fadeIn(1000); // Fade in duration in milliseconds

// Animate the circle

$circle.animate({

width: "200px",

height: "200px"

}, 1000); // Animation duration in milliseconds

});

});

});

</script>

</body>

</html>

**Output:**





