

Bangalore Institute of Technology
Department of Computer Science and Engineering
Web Technology Laboratory (BCSL504)

Week 8

Lab program 9

9. Develop jQuery script (with HTML/CSS) for:

- a. Appends the content at the end of the existing paragraph and list.**
- b. Change the state of the element with CSS style using animate() method**
- c. Change the color of any div that is animated.**

```
<html>
```

```
<head>
```

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

```
<title>jQuery Example</title>
```

```
<style>
```

```
body {
```

```
    font-family: 'Roboto', sans-serif;
```

```
    background-color: #f4f7f6;
```

```
    margin: 0;
```

```
    padding: 0;
```

```
    display: flex;
```

```
    justify-content: center;
```

```
    align-items: center;
```

```
    height: 100vh;
```

```
}
```

```
.container {
```

```
    text-align: center;
```

```
    background: #fff;
```

```
    padding: 30px;
```

```
    border-radius: 12px;
```

```
    box-shadow: 0 4px 20px rgba(0, 0, 0, 0.1);
    transition: transform 0.3s ease-in-out;
}
.container:hover {
    transform: scale(1.02);
}
#paragraph {
    margin-bottom: 20px;
    color: #333;
    font-size: 18px;
    line-height: 1.5;
}
#list {
    margin-bottom: 20px;
    list-style: none;
    padding: 0;
}
#list li {
    background: #e8f0fe;
    margin: 5px 0;
    padding: 10px;
    border-radius: 8px;
    transition: background 0.3s;
}
#list li:hover {
    background: #d0e2fe;
}
.box {
    padding: 0 10px;
    width: 100px;
```

```
height: 100px;
background-color: #007bff;
margin: 20px auto;
line-height: 100px;
color: white;
text-align: center;
border-radius: 8px;
transition: all 0.3s ease;
}

button {
padding: 12px 24px;
margin: 10px;
cursor: pointer;
border: none;
border-radius: 6px;
font-size: 16px;
background: #007bff;
color: white;
transition: box-shadow 0.3s, transform 0.2s;
box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);
}

button:hover {
box-shadow: 0 0 0 2px #fff, 0 0 0 4px #007bff;
}

button:focus {
box-shadow: 0 0 0 2px #fff, 0 0 0 4px #007bff;
}
```

```
        button:active {
            background: #004494;
            transform: translateY(0);
        }
    </style>
</head>

<body>
    <div class="container">
        <p id="paragraph">This is an existing paragraph.</p>
        <ul id="list">
            <li>List item 1</li>
            <li>List item 2</li>
        </ul>
        <div class="box" id="box">Animate me!</div>
        <button id="appendButton">Append Content</button>
        <button id="animateButton">Animate Box</button>
    </div>

    <script>
        $(document).ready(function () {

            $("#appendButton").click(function () {
                $("#paragraph").append(" Appended text.");
                $("#list").append("<li>New appended list item</li>");
            });

            $("#animateButton").click(function () {

                $("#box").stop(true, true).css({
```

```
        width: "100px",
        height: "100px",
        opacity: 1,
        backgroundColor: "blue"
    }).animate({
        width: "200px",
        height: "200px",
        opacity: 0.5
    }, 1000, function () {

        $(this).css("background-color", "green");
    });
});
});

</script>
</body>
</html>
```