NAVODAYA INSTITUTE OF TECHNOLOGY, RAICHUR

DEPARMENT OF COMPUTER SCIENCE & ENGINEERING

Web Technology Lab

Program – 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.

Program :

```html
<!DOCTYPE html>

<head>
    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
    <title>jQuery Example | vtucode</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;
```

```css
      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;
}
```

```css
        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>
```

Output :

This is an existing paragraph.

List item 1

List item 2

Animate me!

Append Content   Animate Box