

WEB TECHNOLOGY LABORATORY (21CSL481)

7.a) Write a HTML page that uses JavaScript to display a message when the mouse button is pressed and hide it once it is lifted.

Prgm7a.html

```
<!DOCTYPE html>
<html>
<head>
  <title>Mouse Button Event</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f2f2f2;
    }

    h1 {
      text-align: center;
      color: #333;
    }

    p {
      margin-bottom: 10px;
    }

    .container {
      max-width: 400px;
      margin: 0 auto;
      padding: 20px;
      background-color: #fff;
      border-radius: 5px;
```

```

        box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
    }

    #message {
        display: none;
        text-align: center;
        margin-top: 20px;
        padding: 10px;
        background-color: #ffd700;
        color: #333;
        border-radius: 5px;
    }
</style>
</head>
<body>
    <div class="container">
        <h1>Mouse Button Event</h1>
        <p>Press and hold the mouse button to show the message.</p>
        <p>Release the mouse button to hide the message.</p>

        <div id="message">Mouse button is pressed!</div>
    </div>

    <script>
        var message = document.getElementById('message');
        document.addEventListener('mousedown', function() {
            message.style.display = 'block';
        });
        document.addEventListener('mouseup', function() {
            message.style.display = 'none';
        });
    </script>
</body>
</html>

```

7.b) Write a JavaScript code that displays text “text-growing” with increasing font size in the interval of 100ms in red colour, when the font size reaches 50pt it displays “text-shrinking” in blue colour, then the font size decreases to 5pt.

Prgm7b.html

```
<!DOCTYPE HTML>
<html>
<head>
<style>
p {position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%, -50%);
}
</style>
</head>
<body>
<p id="demo"></p>
<script>
var var1 = setInterval(inTimer, 1000);
var fs = 5;
var ids = document.getElementById("demo");
function inTimer()
{
ids.innerHTML = 'TEXT GROWING';
ids.setAttribute('style', "font-size: " + fs
+ "px; color: red");
fs += 5;
if(fs >= 50 )
{
clearInterval(var1);
```

```
var2 = setInterval(deTimer, 1000);  
}  
}  
function deTimer()  
{  
fs -= 5;  
ids.innerHTML = 'TEXT SHRINKING';  
ids.setAttribute('style', "font-size: "  
+ fs + "px; color: blue");  
if(fs === 5 )  
{  
clearInterval(var2);  
}  
}  
</script>  
</body>  
</html>
```