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<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Toggle M3</title>
    <style>
        body {
            display: flex;
            flex-direction: column;
            align-items: center;
            justify-content: center;
            height: 100vh;
            margin: 0;
        }

        #toggleButton {
            background-color: #4169e1; /* Royal blue color */
            color: white;
            padding: 10px 20px;
            font-size: inherit;
            text-align: center;
            cursor: pointer;
            border: 1px solid #1e90ff; /* Slightly lighter border color */
            border-radius: 5px; /* Add border radius for curved edges */
        }

        #statusText {
            text-align: center;
        }
    </style>
</head>
<body>

    <button id="toggleButton" onclick="toggleM3()">Loading...</button>
    <p id="statusText">Fetching data...</p>

    <script>
        function toggleM3() {
            var button = document.getElementById("toggleButton");
            var statusText = document.getElementById("statusText");

            // Fetch the current value from Thingspeak

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fetch("https://api.thingspeak.com/channels/2384399/fields/7/last.txt?api_key=3D8NH4JCI0EDY
MIU")
    .then(response => {
        if (!response.ok) {
            throw new Error('Network response was not ok');
        }
        return response.text();
    })
    .then(value => {
        if (value.trim() === '255') {
            // M3 is currently ON
            button.innerHTML = "Turn M3 OFF";
            statusText.innerHTML = "M3 is ON";
            button.onclick = function() {

executeAPI("https://api.thingspeak.com/update?api_key=ELW2NF5Q83OGB39G&field7=0");
                };
        } else if (value.trim() === '0') {
            // M3 is currently OFF
            button.innerHTML = "Turn M3 ON";
            statusText.innerHTML = "M3 is OFF";
            button.onclick = function() {

executeAPI("https://api.thingspeak.com/update?api_key=ELW2NF5Q83OGB39G&field7=255");
                };
        } else {
            throw new Error('Invalid response from Thingspeak');
        }
    })
    .catch(error => {
        console.error('Error fetching data from Thingspeak:', error);
        button.innerHTML = "Error";
        statusText.innerHTML = "Error fetching data";
    });
}

function executeAPI(apiUrl) {
    // Make API request
    fetch(apiUrl)
        .then(response => {
            if (!response.ok) {
                throw new Error('Network response was not ok');
            }
        })
}

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        return response.json();
    })
    .then(data => {
        console.log('API Response:', data);
        // After successful execution, toggle the button state
        toggleM3();
    })
    .catch(error => console.error('Error making API request:', error));
}

// Initialize the button state on page load
toggleM3();

// Update the status every second
setInterval(toggleM3, 1000);
</script>

</body>
</html>
```

Output:

