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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>LED Status Checker</title>
<style>
  .button-container {
    position: relative;
    display: inline-block;
  }

  .button {
    border: 2px solid royalblue; /* Changed border color */
    border-radius: 10px;
    background-color: royalblue;
    color: white;
    padding: 10px 20px;
    font-size: 16px;
    transition: background-color 0.3s;
  }

  .button:hover {
    background-color: navy;
    cursor: pointer;
  }

  .text-outside {
    position: absolute;
    bottom: -35px; /* Adjusted bottom to create a gap */
    left: 50%;
    transform: translateX(-50%);
    color: black;
    font-size: 14px;
  }
</style>
</head>
<body>
<div class="button-container">
  <button id="statusButton" class="button">Change LED Status</button>
  <p id="statusText" class="text-outside">LED is OFF</p>
</div>
<script>
  function updateLEDStatus(status) {
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  let url;
  if (status === "ON") {
    url = "https://api.thingspeak.com/update?api_key=ELW2NF5Q83OGB39G&field8=100";
  } else {
    url = "https://api.thingspeak.com/update?api_key=ELW2NF5Q83OGB39G&field8=0";
  }
  fetch(url)
    .then(response => {
      if (!response.ok) {
        throw new Error('Network response was not ok');
      }
      console.log(`LED status updated to ${status}`);
      getStatus(); // Refresh status after updating LED status
    })
    .catch(error => console.error('Error updating LED status:', error));
}

 function getStatus() {

fetch('https://api.thingspeak.com/channels/2384399/fields/4/last.txt?api_key=3D8NH4JCI0EDY
MIU')
    .then(response => {
      if (!response.ok) {
        throw new Error('Network response was not ok');
      }
      return response.text();
    })
    .then(data => {
      const statusText = document.getElementById('statusText');
      const fieldValue = parseInt(data);
      if (!isNaN(fieldValue)) {
        if (fieldValue < 1000) {
          statusText.textContent = "LED is ON";
        } else {
          statusText.textContent = "LED is OFF";
        }
      } else {
        throw new Error('Invalid data received from server');
      }
    })
    .catch(error => console.error('Error fetching LED status:', error));
}

 function runFiveTimes(url, delay) {
```

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  for (let i = 0; i < 5; i++) {
    setTimeout(() => {
      fetch(url)
        .then(response => {
          if (!response.ok) {
            throw new Error('Network response was not ok');
          }
          console.log(`Executed ${i + 1} time(s)`);
        })
        .catch(error => console.error('Error running URL:', error));
    }, i * delay);
  }
}

document.getElementById('statusButton').addEventListener('click', function() {
  const statusText = document.getElementById('statusText').textContent;
  let url;
  if (statusText === "LED is ON") {
    url = "https://api.thingspeak.com/update?api_key=ELW2NF5Q83OGB39G&field8=100";
    updateLEDStatus("ON");
  } else {
    url = "https://api.thingspeak.com/update?api_key=ELW2NF5Q83OGB39G&field8=0";
    updateLEDStatus("OFF");
  }
  runFiveTimes(url, 1000); // Run the corresponding link 5 times with a delay of 1 second each
});
setInterval(getStatus, 1000); // Check status every 1 second
</script>
</body>
</html>
```

Output: