MUAHAMMAD MUAAZ SHOAIB

FA20-BCS-074

WT LAB TASK

27-APR-2023

Lab Task 1: Write the JavaScript code which uses the set interval method and displays a string.

```javascript
let message = "COMSATS";
let intervalID = setInterval(function() {
  console.log(message);
}, 1000);
```

Lab Task 2: Write a JS code which uses the set timeout method and displays time that has passed.

```javascript
let startTime = Date.now();
let timerID = setTimeout(function() {
  let endTime = Date.now();
  let timePassed = endTime - startTime;
  console.log(`Time passed: ${timePassed}
milliseconds`);
}, 5000);
```

Lab Task 3: Write a JS code which displays the progress bar by clicking on a button.

```javascript
// HTML:
<button onclick="startProgressBar()">Start Progress
Bar</button>
<div id="progressBar"></div>

// JavaScript:
function startProgressBar() {
  let progressBar =
document.getElementById("progressBar");
```

```javascript
let width = 0;
let intervalID = setInterval(function() {
  if (width >= 100) {
    clearInterval(intervalID);
  } else {
    width++;
    progressBar.style.width = `${width}%`;
    progressBar.innerHTML = `${width}%`;
  }
}, 10);
}
```