```
let startTime = 0;
let elapsedTime = 0;
let isRunning = false;
let lapTimes = [];
const displayElement = document.getElementById('display');
const startButton = document.getElementById('start-button');
const stopButton = document.getElementById('stop-button');
const resetButton = document.getElementById('reset-button');
const lapButton = document.getElementById('lap-button');
const lapsElement = document.getElementById('laps');
startButton.addEventListener('click', startStopwatch);
stopButton.addEventListener('click', stopStopwatch);
resetButton.addEventListener('click', resetStopwatch);
lapButton.addEventListener('click', recordLapTime);
function startStopwatch() {
  startTime = new Date().getTime();
  isRunning = true;
  startButton.disabled = true;
  stopButton.disabled = false;
  updateDisplay();
  setInterval(updateDisplay, 10);
}
function stopStopwatch() {
  elapsedTime += new Date().getTime() - startTime;
```

```
isRunning = false;
  startButton.disabled = false;
  stopButton.disabled = true;
}
function resetStopwatch() {
  startTime = 0;
  elapsedTime = 0;
  isRunning = false;
  lapTimes = [];
  startButton.disabled = false;
  stopButton.disabled = true;
  updateDisplay();
}
function recordLapTime() {
  const lapTime = elapsedTime + (new Date().getTime() - startTime);
  lapTimes.push(lapTime);
  updateDisplay();
}
function updateDisplay() {
  const currentTime = formatTime(elapsedTime + (isRunning? new Date().getTime() -
startTime: 0));
  displayElement.textContent = currentTime;
  const lapTimeString = lapTimes.map((time, index) => `Lap ${index + 1}:
${formatTime(time)}`).join('<br>');
  lapsElement.innerHTML = lapTimeString;
}
```

```
function formatTime(time) {
   const hours = Math.floor(time / 3600000);
   const minutes = Math.floor((time % 3600000) / 600000);
   const seconds = Math.floor((time % 60000) / 10000);
   const milliseconds = time % 1000;
   return
   `${padZero(hours)}:${padZero(minutes)}:${padZero(seconds)}:${padZero(milliseconds)};
}

function padZero(number) {
   return (number < 10 ? '0' : ") + number;
}</pre>
```