// Variables let startTime, elapsedTime = 0, timerInterval;

// Display time in HH:MM:SS format function displayTime() {

let hours = Math.floor(elapsedTime / 3600000); let minutes = Math.floor((elapsedTime % 3600000) / 60000); let seconds = Math.floor((elapsedTime % 60000) / 1000);

hours = String(hours).padStart(2, '0'); minutes = String(minutes).padStart(2, '0'); seconds = String(seconds).padStart(2, '0');

document.getElementById('time').textContent = `${hours}:${minutes}:${seconds}`;

}

// Start the stopwatch function start() { if (!startTime) {

startTime = Date.now() - elapsedTime; timerInterval = setInterval(function () {

elapsedTime = Date.now() - startTime; displayTime();

}, 10);

}

}

// Stop the stopwatch function stop() { clearInterval(timerInterval); startTime = null;

}

// Reset the stopwatch function reset() { stop();

elapsedTime = 0; displayTime();

}

// Event Listeners document.getElementById('start').addEventListener('click', start); document.getElementById('stop').addEventListener('click', stop); document.getElementById('reset').addEventListener('click', reset);