<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Stopwatch</title>

<style>

body {

font-family: Arial, sans-serif;

text-align: center;

padding-top: 50px;

background: #f0f0f0;

}

#time {

font-size: 48px;

margin-bottom: 20px;

}

button {

padding: 10px 20px;

margin: 5px;

font-size: 16px;

cursor: pointer;

}

</style>

</head>

<body>

<h1>Stopwatch</h1>

<div id="time">00:00:00</div>

<button onclick="start()">Start</button>

<button onclick="stop()">Stop</button>

<button onclick="reset()">Reset</button>

<script>

let startTime, updatedTime, difference, timerInterval;

let running = false;

function updateTime() {

updatedTime = new Date().getTime();

difference = updatedTime - startTime;

let hours = Math.floor((difference % (1000 \* 60 \* 60 \* 24)) / (1000 \* 60 \* 60));

let minutes = Math.floor((difference % (1000 \* 60 \* 60)) / (1000 \* 60));

let seconds = Math.floor((difference % (1000 \* 60)) / 1000);

document.getElementById('time').textContent =

`${pad(hours)}:${pad(minutes)}:${pad(seconds)}`;

}

function pad(num) {

return num < 10 ? '0' + num : num;

}

function start() {

if (!running) {

startTime = new Date().getTime() - (difference || 0);

timerInterval = setInterval(updateTime, 1000);

running = true;

}

}

function stop() {

if (running) {

clearInterval(timerInterval);

running = false;

}

}

function reset() {

clearInterval(timerInterval);

running = false;

difference = 0;

document.getElementById('time').textContent = "00:00:00";

}

</script>

</body>

</html>