Stopwatch App HTML Source Code

<!DOCTYPE html>

<html>

<body style = "text-align: center">

<h2>Stopwatch</h2>

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

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

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

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

<script>

var startTime;

var stopwatchInterval;

var elapsedPausedTime = 0;

function startStopwatch() {

if (!stopwatchInterval) {

startTime = new Date().getTime() - elapsedPausedTime;

stopwatchInterval = setInterval(updateStopwatch, 1000);

}

}

function stopStopwatch() {

clearInterval(stopwatchInterval);

elapsedPausedTime = new Date().getTime() - startTime;

stopwatchInterval = null;

}

function resetStopwatch() {

stopStopwatch();

elapsedPausedTime = 0;

document.getElementById("stopwatch").innerHTML = "00:00:00";

}

function updateStopwatch() {

var currentTime = new Date().getTime();

var elapsedTime = currentTime - startTime;

var seconds = Math.floor(elapsedTime / 1000) % 60;

var minutes = Math.floor(elapsedTime / 1000 / 60) % 60;

var hours = Math.floor(elapsedTime / 1000 / 60 / 60);

var displayTime = pad(hours) + ":" + pad(minutes) + ":" + pad(seconds);

document.getElementById("stopwatch").innerHTML = displayTime;

}

function pad(number) {

return (number < 10 ? "0" : "") + number;

}

</script>

</body>

</html>