Html:

<!DOCTYPE html>

<html lang=”en”>

<head>

<meta charset=”UTF-8”>

<meta name=”viewport” content=”width=device-width, initial-scale=1.0”>

<title>Stopwatch</title>

<link rel=”stylesheet” href=”stopwatchstyle.css”>

</head>

<body>

<div class=”stopwatch”>

<div id=”display”>00:00:00</div>

<button id=”startStopBtn”>Start</button>

<button id=”resetBtn”>Reset</button>

</div>

<script src=”stopwatchscript.js”></script>

</body>

</html>

Css:

Body {

Display: flex;

Justify-content: center;

Align-items: center;

Height: 100vh;

Background-color: #f0f0f0;

Font-family: Arial, sans-serif;

}

.stopwatch {

Text-align: center;

Background: #fff;

Padding: 20px;

Border-radius: 8px;

Box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

#display {

Font-size: 2em;

Margin-bottom: 20px;

}

Button {

Font-size: 1em;

Padding: 10px 20px;

Margin: 5px;

Border: none;

Border-radius: 5px;

Cursor: pointer;

}

#startStopBtn {

Background-color: #4CAF50;

Color: white;

}

#resetBtn {

Background-color: #f44336;

Color: white;

}

Js:

Let startTime;

Let updatedTime;

Let difference;

Let timerId;

Let isRunning = false;

Const display = document.getElementById(‘display’);

Const startStopBtn = document.getElementById(‘startStopBtn’);

Const resetBtn = document.getElementById(‘resetBtn’);

startStopBtn.addEventListener(‘click’, () => {

if (isRunning) {

clearInterval(timerId);

startStopBtn.textContent = ‘Start’;

} else {

startTime = new Date() – (difference || 0);

timerId = setInterval(updateTime, 10);

startStopBtn.textContent = ‘Stop’;

}

isRunning = !isRunning;

});

resetBtn.addEventListener(‘click’, () => {

clearInterval(timerId);

startTime = null;

difference = 0;

isRunning = false;

startStopBtn.textContent = ‘Start’;

display.textContent = ’00:00:00’;

});

Function updateTime() {

updatedTime = new Date();

difference = updatedTime – startTime;

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

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

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

display.textContent =

(hours < 10 ? ‘0’ + hours : hours) + ‘:’ +

(minutes < 10 ? ‘0’ + minutes : minutes) + ‘:’ +

(seconds < 10 ? ‘0’ + seconds : seconds);

}