**Project 01**

Digital Clock / Stopwatch﻿Tech: HTML, CSS, JavaScript﻿Features:﻿Show current time or start/pause/reset stopwatch﻿<!DOCTYPE html>﻿<html>﻿<head>﻿  <title>Clock / Stopwatch</title>﻿  <style>﻿    body {﻿      font-family: Arial;﻿      background: #111;﻿      color: #fff;﻿      text-align: center;﻿      margin-top: 100px;﻿    }﻿    h1 {﻿      margin-bottom: 30px;﻿    }﻿    #display {﻿      font-size: 48px;﻿      margin: 20px;﻿    }﻿    button {﻿      padding: 10px 20px;﻿      margin: 5px;﻿      font-size: 16px;﻿      cursor: pointer;﻿    }﻿  </style>﻿</head>﻿<body>﻿  <h1>Clock / Stopwatch</h1>﻿  <div>﻿    <button onclick="showClock()">Clock</button>﻿    <button onclick="showStopwatch()">Stopwatch</button>﻿  </div>﻿  <div id="display">00:00:00</div>﻿  <div id="stopwatchButtons" style="display:none;">﻿    <button onclick="start()">Start</button>﻿    <button onclick="pause()">Pause</button>﻿    <button onclick="reset()">Reset</button>﻿  </div>﻿  <script>﻿    let mode = "clock";﻿    let timer;﻿    let seconds = 0;﻿    function showClock() {﻿      clearInterval(timer);﻿      mode = "clock";﻿      document.getElementById("stopwatchButtons").style.display = "none";﻿      updateClock();﻿      timer = setInterval(updateClock, 1000);﻿    }﻿    function updateClock() {﻿      const now = new Date();﻿      document.getElementById("display").innerText = now.toLocaleTimeString();﻿    }﻿    function showStopwatch() {﻿      clearInterval(timer);﻿      mode = "stopwatch";﻿      document.getElementById("stopwatchButtons").style.display = "block";﻿      updateStopwatch();﻿    }﻿    function updateStopwatch() {﻿      let hrs = String(Math.floor(seconds / 3600)).padStart(2, '0');﻿      let mins = String(Math.floor((seconds % 3600) / 60)).padStart(2, '0');﻿      let secs = String(seconds % 60).padStart(2, '0');﻿      document.getElementById("display").innerText = `${hrs}:${mins}:${secs}`;﻿    }﻿    function start() {﻿      if (!timer) {﻿        timer = setInterval(() => {﻿          seconds++;﻿          updateStopwatch();﻿        }, 1000);﻿      }﻿    }﻿    function pause() {﻿      clearInterval(timer);﻿      timer = null;﻿    }﻿    function reset() {﻿      pause();﻿      seconds = 0;﻿      updateStopwatch();﻿    }﻿    // Start with clock﻿    showClock();﻿  </script>﻿</body>﻿</html>