~\timer and stopwatch.html

```
 1  <!DOCTYPE html>
 2  <html lang="en">
 3  <head>
 4      <meta charset="UTF-8">
 5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
 6      <title>Timer and Stopwatch</title>
 7      <style>
 8
 9          body {
10              font-family: Arial, sans-serif;
11              display: flex;
12              flex-direction: column;
13              justify-content: center;
14              align-items: center;
15              min-height: 100vh;
16              margin: 0;
17              background-color: #f4f2f2d8;
18          }
19
20          .box {
21              text-align: center;
22              padding: 20px;
23              margin: 20px;
24              border: 1.5px solid #654141;
25              border-style: double;
26              border-radius: 10px;
27              background-color: rgba(247, 245, 239, 0.673);
28          }
29
30          #timer, #stopwatch {
31              font-size: 30px;
32              margin-bottom: 10px;
33          }
34          button {
35              font-size: 16px;
36              padding: 10px 20px;
37              background-color: #654141;
38              color: #fff;
39              border: none;
40              cursor: pointer;
41              border-radius: 10px;
42              margin-bottom: 10px;
43              margin-left: 10px;
44          }
45          .h1{
46              font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
47              text-align: center;
48              color: #654141;
49          }
50      </style>
51  </head>
52  <body>
53      <h1 class="h1">Timer and Stopwatch</h1>
54      <div class="box">
55          <h1>Timer</h1>
56          <div>
```

```
57              <span id="timer">00:00:00</span>
58              <button id="startTimer">Start Timer</button>
59              <button id="pauseTimer">Pause Timer</button>
60              <button id="resetTimer">Reset Timer</button>
61          </div>
62      </div>
63
64      <div class="box">
65          <h1>Stopwatch</h1>
66          <div>
67              <span id="stopwatch">00:00:00</span>
68              <button id="startStopwatch">Start Stopwatch</button>
69              <button id="pauseStopwatch">Pause Stopwatch</button>
70              <button id="resetStopwatch">Reset Stopwatch</button>
71          </div>
72      </div>
73
74      <script>
75          // Timer logic
76          let timerInterval;
77          let timerRunning = false;
78          let timerSeconds = 0;
79
80          function updateTimer() {
81              const hours = Math.floor(timerSeconds / 3600);
82              const minutes = Math.floor((timerSeconds % 3600) / 60);
83              const seconds = timerSeconds % 60;
84              document.getElementById("timer").textContent = `${hours.toString().padStart(2,
    '0')}:${minutes.toString().padStart(2, '0')}:${seconds.toString().padStart(2, '0')}`;
85          }
86
87          document.getElementById("startTimer").addEventListener("click", () => {
88              if (!timerRunning) {
89                  timerInterval = setInterval(() => {
90                      timerSeconds++;
91                      updateTimer();
92                  }, 1000);
93                  timerRunning = true;
94              }
95          });
96
97          document.getElementById("pauseTimer").addEventListener("click", () => {
98              clearInterval(timerInterval);
99              timerRunning = false;
100         });
101
102         document.getElementById("resetTimer").addEventListener("click", () => {
103             clearInterval(timerInterval);
104             timerRunning = false;
105             timerSeconds = 0;
106             updateTimer();
107         });
108
109         // Stopwatch logic
110         let stopwatchInterval;
111         let stopwatchRunning = false;
112         let stopwatchSeconds = 0;
113
114         function updateStopwatch() {
115             const hours = Math.floor(stopwatchSeconds / 3600);
```

```
116              const minutes = Math.floor((stopwatchSeconds % 3600) / 60);
117              const seconds = stopwatchSeconds % 60;
118              document.getElementById("stopwatch").textContent = `${hours.toString()
    .padStart(2, '0')}:${minutes.toString().padStart(2, '0')}:${seconds.toString().padStart(2,
    '0')}`;
119          }
120
121          document.getElementById("startStopwatch").addEventListener("click", () => {
122              if (!stopwatchRunning) {
123                  stopwatchInterval = setInterval(() => {
124                      stopwatchSeconds++;
125                      updateStopwatch();
126                  }, 1000);
127                  stopwatchRunning = true;
128              }
129          });
130
131          document.getElementById("pauseStopwatch").addEventListener("click", () => {
132              clearInterval(stopwatchInterval);
133              stopwatchRunning = false;
134          });
135
136          document.getElementById("resetStopwatch").addEventListener("click", () => {
137              clearInterval(stopwatchInterval);
138              stopwatchRunning = false;
139              stopwatchSeconds = 0;
140              updateStopwatch();
141          });
142      </script>
143  </body>
144  </html>
145
```