

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <title>Stopwatch with Lap</title>
6 <style>
7   body {
8     font-family: Arial, sans-serif;
9     background: #e1e2f;
10    color: #fff;
11    display: flex;
12    justify-content: center;
13    align-items: center;
14    height: 100vh;
15  }
16
17  .stopwatch {
18    background: #2b2b3d;
19    padding: 25px;
20    border-radius: 10px;
21    width: 300px;
22    text-align: center;
23    box-shadow: 0 10px 25px rgba(0,0,0,0.4);
24  }
25
26  .time {
27    font-size: 2.5em;
28    margin-bottom: 20px;
29    letter-spacing: 2px;
30  }
31
32  .buttons {
33    display: flex;
34    justify-content: space-between;
35    margin-bottom: 15px;
36  }
37
38  button {
39    flex: 1;
40    margin: 0 5px;
41    padding: 10px;
42    font-size: 0.9em;

```

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task2.html X
orphon tech > task2.html > html > head > style > .buttons
2 <html lang="en">
3 <head>
6 <style>
38 button {
43     border: none;
44     border-radius: 5px;
45     cursor: pointer;
46 }
47
48 button:disabled {
49     opacity: 0.5;
50     cursor: not-allowed;
51 }
52
53 .start { background: #4caf50; color: #fff; }
54 .pause { background: #ff9800; color: #fff; }
55 .reset { background: #f44336; color: #fff; }
56 .lap { background: #2196f3; color: #fff; }
57
58 ul {
59     list-style: none;
60     padding: 0;
61     max-height: 150px;
62     overflow-y: auto;
63     text-align: left;
64 }
65
66 li {
67     padding: 5px;
68     border-bottom: 1px solid #444;
69     font-size: 0.9em;
70 }
71 </style>
72 </head>
73 <body>
74
75 <div class="stopwatch">
76 <div class="time" id="display">00:00:00.000</div>
77
78 <div class="buttons">
79 <button class="start" id="startBtn">Start</button>
80 <button class="pause" id="pauseBtn" disabled>Pause</button>
81
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```

```
task2.html X
orphon tech > task2.html > html > head > style > .buttons
2 <html lang="en">
73 <body>
75 <div class="stopwatch">
78 <div class="buttons">
79 <button class="start" id="startBtn">Start</button>
80 <button class="pause" id="pauseBtn" disabled>Pause</button>
81 </div>
82
83 <div class="buttons">
84 <button class="lap" id="lapBtn" disabled>Lap</button>
85 <button class="reset" id="resetBtn" disabled>Reset</button>
86 </div>
87
88 <ul id="laps"></ul>
89 </div>
90
91 <script>
92 let startTime = 0;
93 let elapsedTime = 0;
94 let timerInterval;
95 let running = false;
96 let lapCount = 1;
97
98 const display = document.getElementById("display");
99 const startBtn = document.getElementById("startBtn");
100 const pauseBtn = document.getElementById("pauseBtn");
101 const resetBtn = document.getElementById("resetBtn");
102 const lapBtn = document.getElementById("lapBtn");
103 const laps = document.getElementById("laps");
104
105 function formatTime(time) {
106   const ms = time % 1000;
107   const totalSeconds = Math.floor(time / 1000);
108   const seconds = totalSeconds % 60;
109   const minutes = Math.floor(totalSeconds / 60) % 60;
110   const hours = Math.floor(totalSeconds / 3600);
111
112   return (
113     String(hours).padStart(2, "0") + ":" +
114     String(minutes).padStart(2, "0") + ":" +
115     String(seconds).padStart(2, "0") + "." +
116     String(ms).padStart(3, "0")
117   );
118 }
119
120 startBtn.addEventListener("click", () => {
121   if (!running) {
122     startTime = Date.now();
123     running = true;
124     timerInterval = setInterval(() => {
125       elapsedTime = Date.now() - startTime;
126       display.textContent = formatTime(elapsedTime);
127     }, 1000);
128   }
129 });
130
131 pauseBtn.addEventListener("click", () => {
132   if (running) {
133     clearInterval(timerInterval);
134     running = false;
135   }
136 });
137
138 resetBtn.addEventListener("click", () => {
139   startTime = 0;
140   elapsedTime = 0;
141   running = false;
142   clearInterval(timerInterval);
143   display.textContent = "00:00.000";
144 });
145
146 lapBtn.addEventListener("click", () => {
147   if (running) {
148     laps.innerHTML += `Lap ${lapCount}: ${formatTime(elapsedTime)}<br>`;
149     lapCount++;
150   }
151 });
```

```
task2.html X
orphon tech > task2.html > html > head > style > .buttons
2 <html lang="en">
73 <body>
91 <script>
105   function formatTime(time) {
116       String(ms).padStart(3, "0")
117   };
118   }
119
120   function updateDisplay() {
121       const currentTime = Date.now() - startTime + elapsedTime;
122       display.textContent = formatTime(currentTime);
123   }
124
125   startBtn.addEventListener("click", () => {
126       if (!running) {
127           startTime = Date.now();
128           timerInterval = setInterval(updateDisplay, 10);
129           running = true;
130
131           startBtn.disabled = true;
132           pauseBtn.disabled = false;
133           resetBtn.disabled = false;
134           lapBtn.disabled = false;
135       }
136   });
137
138   pauseBtn.addEventListener("click", () => {
139       if (running) {
140           clearInterval(timerInterval);
141           elapsedTime += Date.now() - startTime;
142           running = false;
143
144           startBtn.disabled = false;
145           pauseBtn.disabled = true;
146       }
147   });
148
149   resetBtn.addEventListener("click", () => {
150       clearInterval(timerInterval);
151       startTime = 0;
152       elapsedTime = 0;
153       running = false;
```

task2.html X

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2<html lang="en">

73<body>

91<script>

149resetBtn.addEventListener("click", () => {

153running = false;

154lapCount = 1;

155

156display.textContent = "00:00:00.000";

157laps.innerHTML = "";

158

159startBtn.disabled = false;

160pauseBtn.disabled = true;

161resetBtn.disabled = true;

162lapBtn.disabled = true;

163});

164

165lapBtn.addEventListener("click", () => {

166if (running) {

167const lapTime = Date.now() - startTime + elapsedTime;

168const li = document.createElement("li");

169li.textContent = `Lap \${lapCount++}: \${formatTime(lapTime)}`;

170laps.prepend(li);

171}

172});

173</script>

174

175</body>

176</html>

177

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