

STOPWATCH :-

```
<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Stopwatch App</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      display: flex;

      align-items: center;

      justify-content: center;

      height: 100vh;

      margin: 0;

      background-color: #f0f0f0;

    }

    .stopwatch {

      text-align: center;

      background-color: #fff;

      padding: 20px;

      border-radius: 10px;

      box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);

      width: 300px;

    }

    .time {

      font-size: 2em;

      margin-bottom: 20px;

    }

    .buttons {

      display: flex;

      justify-content: space-around;
```

```
}  
  
button {  
    padding: 10px 20px;  
    font-size: 1em;  
    border: none;  
    border-radius: 5px;  
    cursor: pointer;  
    outline: none;  
}  
  
.start {  
    background-color: #4caf50;  
    color: white;  
}  
  
.pause {  
    background-color: #f9a825;  
    color: white;  
}  
  
.reset {  
    background-color: #f44336;  
    color: white;  
}  
  
</style>  
</head>  
<body>  
    <div class="stopwatch">  
        <div class="time" id="display">00:00:00</div>  
        <div class="buttons">  
            <button class="start" onclick="start()">Start</button>  
            <button class="pause" onclick="pause()">Pause</button>  
            <button class="reset" onclick="reset()">Reset</button>  
        </div>
```

</div>

<script>

```
let minutes = 0;
```

```
let seconds = 0;
```

```
let milliseconds = 0;
```

```
let timer;
```

```
function updateDisplay() {
```

```
  const display = document.getElementById("display");
```

```
  display.innerHTML =
```

```
    (minutes < 10 ? "0" + minutes : minutes) + ":" +
```

```
    (seconds < 10 ? "0" + seconds : seconds) + ":" +
```

```
    (milliseconds < 10 ? "0" + milliseconds : milliseconds);
```

```
}
```

```
function start() {
```

```
  if (!timer) {
```

```
    timer = setInterval(() => {
```

```
      milliseconds++;
```

```
      if (milliseconds === 100) {
```

```
        milliseconds = 0;
```

```
        seconds++;
```

```
      }
```

```
      if (seconds === 60) {
```

```
        seconds = 0;
```

```
        minutes++;
```

```
      }
```

```
      updateDisplay();
```

```
    }, 10);
```

```
  }
```

```
}
```

```
function pause() {  
    clearInterval(timer);  
    timer = null;  
}
```

```
function reset() {  
    clearInterval(timer);  
    timer = null;  
    minutes = 0;  
    seconds = 0;  
    milliseconds = 0;  
    updateDisplay();  
}
```

```
</script>
```

```
</body>
```

```
</html>
```