**Advanced Countdown Timer**

A modern, feature-rich **countdown timer web application** built with **HTML, CSS, and JavaScript**.  
It supports multiple timers, preset durations, Pomodoro technique, dark mode, progress tracking, and persistent storage using **localStorage**.

**Features**

* **Create Custom Timers** – Set hours, minutes, and seconds for any activity.
* **Quick Presets** – Choose from pre-set timers (5, 10, 15, 20, 25, 30 minutes).
* **Pomodoro Technique** – Includes built-in work (25min) and break (5min) cycles.
* **Dark & Light Mode** – Switch themes easily with one click.
* **Multiple Timers Management** – Create, activate, delete, and track multiple timers.
* **Progress Bar & Notifications** – Visual progress indicator and completion alerts.
* **Timer History** – Keep track of completed timers.
* **Responsive Design** – Optimized for desktop, tablet, and mobile.
* **Persistent Data** – Timers are saved in browser localStorage.

**Technologies Used**

* **HTML5** – Semantic structure
* **CSS3** – Custom styling with variables, grid & flexbox layouts, animations
* **JavaScript (ES6+)** – State management, event handling, DOM manipulation
* **Font Awesome** – Icons for controls and UI elements
* **localStorage** – Save timers across sessions

**Project Structure**

project/

│── index.html # Main application file

│── README.md # Documentation

All styles and JavaScript logic are embedded directly in index.html.  
For production, you may refactor into separate .css and .js files.

**Getting Started**

1. Clone this repository or download the source code:
2. git clone https://github.com/yourusername/advanced-countdown-timer.git
3. Open index.html in your browser.
4. Start creating timers!

**How to Use**

1. **Create a New Timer**
   * Enter a name and set duration (hours, minutes, seconds).
   * Click **Create Timer**.
   * Activate your timer from the "Your Timers" list.
2. **Use Quick Presets**
   * Click a preset (5, 10, 15, 20, 25, or 30 minutes).
   * A timer is created instantly.
3. **Pomodoro Mode**
   * Click **Start Pomodoro** to begin a 25-minute work session.
   * Break timer follows automatically.
4. **Controls**
   * **Start / Pause / Reset** timers from the main dashboard.
   * Delete timers from the list if no longer needed.
5. **Theme Toggle**
   * Click 🌙 or ☀️ icon to switch between dark and light modes.

**Responsive Design**

* **Desktop:** Full dashboard view with sidebar and main content.
* **Tablet & Mobile:** Adjusts layout into a single column for usability.

**Future Improvements**

* Add sound effects for completion alerts.
* Export and import timer history.
* Cloud sync for multi-device use.
* Advanced Pomodoro settings (custom work/break cycles).