

Guestbook/Journal Program

Description

The Guestbook/Journal program is a simple application that allows users to add comments or write journal entries. It timestamps each entry and organizes them in a readable format. This program can be used for maintaining a personal journal or as a guestbook for collecting feedback or comments from visitors.

Key Features:

- **Add Entries:** Allows users to add new entries with a timestamp.
- **View Entries:** Displays all entries in a readable format.
- **Delete Entries:** Provides the ability to delete entries.
- **Search Entries:** Supports searching entries by keyword or date.
- **Persistent Storage:** Saves entries to a file for persistent storage.
- **Optional Comment Feature:** Can enable or disable comments on entries.

How to Use:

1. **Run the Application:** Start the application using your Python environment.
2. **Add Entry:**
 - **New Entry:** Prompt the user to enter a comment or journal entry.
 - **Timestamp:** Automatically add a timestamp to the entry.
 - **Save Entry:** Save the entry to a file for persistent storage.
3. **View Entries:**
 - **Display All Entries:** Show all entries with timestamps.
 - **Pagination:** If there are many entries, paginate the display for better readability.
4. **Delete Entry:**
 - **Select Entry:** Allow the user to select an entry to delete.
 - **Confirm Deletion:** Prompt for confirmation before deleting the entry.
 - **Delete and Update:** Remove the entry from the file and update the display.
5. **Search Entries:**
 - **Search by Keyword:** Allow the user to enter a keyword to search within entries.
 - **Search by Date:** Allow the user to enter a date to filter entries by that date.
 - **Display Results:** Show the search results in a readable format.