

INSTRUCTIONS

1. Loading Entries

The Diary Manager automatically loads any previously saved diary entries from the file `Diary_entry.txt` when the program starts.

If the file does not exist or is empty, a message will appear: "File not found or empty. Starting fresh.".

2. Features and Functionalities

Add Entry: Add a new diary entry for a specific date.

View Entries: Display all existing diary entries.

Search Entry: Search for a diary entry by date.

Delete Entry: Delete a diary entry for a specific date.

Save and Exit: Save all changes and exit the program.

3. Adding a New Entry

Step 1: Select option 1 from the menu to add a new entry.

Step 2: Enter the date in DD/MM/YYYY format when prompted. Example: 24/11/2024.

Step 3: Type your diary entry. After completing your entry, type DONE on a new line to finish the input.

Step 4: If the diary entry exceeds 1000 characters, you will receive a message about the limit being exceeded, and only the allowed portion will be saved.

The entry will be saved temporarily in the program memory until explicitly saved.

4. Viewing All Entries

Step 1: Select option 2 from the menu to view all saved diary entries.

Step 2: The program will display the date and corresponding entry for each saved record.

5. Searching for an Entry

Step 1: Select option 3 to search for a specific entry by date.

Step 2: Enter the date in DD/MM/YYYY format. Example: 24/11/2024.

Step 3: If an entry for the date exists, it will be displayed. Example:

6. Deleting an Entry

Step 1: Select option 4 to delete an entry by date.

Step 2: Enter the date in DD/MM/YYYY format when prompted. Example: 24/11/2024.

Step 3: If an entry exists for the date, it will be deleted, and a confirmation message will appear:

7. Saving Entries and Exiting

Step 1: Select option 5 to save all current entries to the file Diary_entry.txt.

The file will be updated with all changes (added, deleted, or modified entries).

A confirmation message will appear: "All entries saved successfully."

After saving, the program will exit with the message: "Exiting Diary Manager. Goodbye!"

OUTPUTS:

1.

```
1. Add Entry
2. View Entries
3. Search Entries
4. Delete Entries
5. Save and Exit
Enter your choice: 1
Enter the date in DD/MM/YYYY format: 24/11/2024
Entry your diary entry (Type DONE in a new line after the entry.): Hi this C project Diary Manager.
DONE
Entry added successfully to date:24/11/2024.
```

2.

```
Diary Manager
1. Add Entry
2. View Entries
3. Search Entries
4. Delete Entries
5. Save and Exit
Enter your choice: 2
Diary entries:
24/11/2024: Hi this C project Diary Manager.
```

3.

```
Diary Manager
1. Add Entry
2. View Entries
3. Search Entries
4. Delete Entries
5. Save and Exit
Enter your choice: 3
Enter the date in DD/MM/YYYY format: 24/11/2024
Entry found.
24/11/2024: Hi this C project Diary Manager.
```

4.

```
Diary Manager
1. Add Entry
2. View Entries
3. Search Entries
4. Delete Entries
5. Save and Exit
Enter your choice: 4
Enter the date in DD/MM/YYYY format: 24/11/2024
Entry deleted successfully of date:24/11/2024
```

5.

```
Diary Manager
1. Add Entry
2. View Entries
3. Search Entries
4. Delete Entries
5. Save and Exit
Enter your choice: 5
All entries saved successfully.
Exiting Diary Manager. Goodbye!
PS C:\Users\AKASH\OneDrive\Documents\Clanguagecodes\.vscode\.vscode>
```