User guide for Private blog console application

1. What is the goal of program
   The main goal of the program is you can post private blogs for
   yourself and search for them later. It helps to maintain your mental
   health balance. Also you can use it as a draft for your thoughts.

2. How to use the program

   First of all, you see following menu:
   Menu
   1. Sign up
   2. Log in
   3. Exit from program

Here you must enter a number. Keep it mind, you can only enter an integer
number unless the program will not work! And If you enter a different number
program will automatically give you a warning message as "Invalid input", then
you can chooose again.

If you are a new user for the program you must sign up. If you have already
signed up feel free to choose (2) and log into the system.

After choosing (1) in main menu , you will encounter the following questions.

            - Enter your full name
            - Enter your email address
            - Enter your contact information
            - Enter your user name
            - Enter your new password
            - Login or exit the program

Here, you can enter anything you want, numbers and characters or even
special characters like question mark and slash. However, you could not go
back to options so enter all inputs please.

Also, nicknames and usernames can be different. It gives you privacy.

After you sign up, you can log into the system.

Log in
 - Enter your username
 - Enter your password

If the password does not match you will automatically receive a message that does not match the message and you can choose any option you want from the main menu.

After logging into the system. You will see the following submenu.

Sub-Menu
 1.Create a blog (please enter only integer for length of your content)
 2.Edit a blog (here too)
 3.Delete a blog
 4.Search a blog
     - time
     - date
     - keyword

Here, if you choose one option you cannot go back to the submenu, until you fill out everything(however you do not want to write everything you can enter any character as your wish), so please be patient and choose carefully. Below I showed an example, for each option of the submenu.

-- Main Menu --
1. Sign Up
2. Log In
3. Exit
Enter your choice: 1
Enter your full name: Alyemgul
Enter your email address: alyemgul.g@gmail.com
Enter your contact information: .
Enter your user name: a
Enter your new password: a

Sign up successful. You can now log in.

-- Main Menu --
1. Sign Up
2. Log In
3. Exit
Enter your choice: 2
Enter your username: a
Enter your password: a
Log in successful. Welcome, Alyemgul!

-- Sub-Menu --
1. Create a blog post
2. Edit a blog post
3. Delete a blog post
4. Search a blog post
5. Exit
Enter your choice: 1
Enter date (yyyy.mm.dd): 2023.01.08
Enter your time(morning/afternoon/nigth): morning
Enter keywords: good birthday
Enter length of content:
 100

Enter your content below:
i can write down 100 characters.
Blog post created successfully.

-- Sub-Menu --
1. Create a blog post
2. Edit a blog post
3. Delete a blog post
4. Search a blog post
5. Exit
Enter your choice: 1
Enter date (yyyy.mm.dd): 2024.01.08
Enter your time(morning/afternoon/nigth): afternoon
Enter keywords: birthday unknown
Enter length of content:
 10000

Enter your content below:
10000 characters here
Blog post created successfully.

-- Sub-Menu --
1. Create a blog post
2. Edit a blog post
3. Delete a blog post
4. Search a blog post
5. Exit

Enter your choice: 2
Your blog posts:
0. Date: 2024.01.08, Time: afternoon, Keywords: birthday unknown
1. Date: 2023.01.08, Time: morning, Keywords: good birthday
Enter the index of the blog post to edit (0 to 3): 0
Current date: 2024.01.08
Enter new date (or leave blank to keep current): 1
Current mood: afternoon
Enter time(afternoon, nigth, morning: 1
Current keywords: birthday unknown
Enter new keywords (or leave blank to keep current): 1
Current content: 10000 characters here
Enter the length of new content: 1000
Enter new content (or leave blank to keep current):
111111
Blog post edited successfully.

-- Sub-Menu --
1. Create a blog post
2. Edit a blog post
3. Delete a blog post
4. Search a blog post
5. Exit
Enter your choice: 3
Your blog posts:
0. Date: 1, Time: 1, Keywords: 1
1. Date: 2023.01.08, Time: morning, Keywords: good birthday
Enter the index of the blog post to delete (0 to 3): 0
Blog post deleted successfully.

-- Sub-Menu --
1. Create a blog post
2. Edit a blog post
3. Delete a blog post
4. Search a blog post
5. Exit
Enter your choice: 4

-- Search Options --
1. Search by time
2. Search by date
3. Search by keyword
Enter your choice: 1
Enter time (e.g., morning, afternoon, evening): morning

-- Blog Posts Found --
Date: 2023.01.08
Author: Alyemgul
Time: morning
Keywords: good birthday
Content:

i can write down 100 characters.

Date: 2023.01.08

Author: mira

Time: morning

Keywords: kkk good feeling

Content:

10000 charachters can be written here

-- Sub-Menu --

1. Create a blog post

2. Edit a blog post

3. Delete a blog post

4. Search a blog post

5. Exit

Enter your choice: 5

Logging out. Goodbye, Alyemgul!

-- Main Menu --

1. Sign Up

2. Log In

3. Exit

Enter your choice: 3

Exiting the program.

3. Where the files saved and loaded

The files are saved and loaded in the current working directory of the program. If you want to specify an absolute path for the files, you would need to provide the full path to the file, like C:/path/to/your/files//users.txt or `"/home/user/path/to/your/files/users.txt".

file paths used: currently we have 2 files

1. Users File:

   - File Name:- users.txt

   - Location:- Current working directory of the program.

2. Blog Posts File:

   - File Name:blog_posts.txt

   - Location: Current working directory of the program.