Computer Programming I — Homework Assignment #9

Design a Simplified Cashbox KTV Member System

**Functions:**

1 Login: Input an ID number and password. If the ID number does not exist in the file Members.dat or the password is wrong, then login fails.

2 Registration: Insert a new record into the binary file Members.dat. Input an ID number, name and password. If the ID number or account number already exists in the file Members.dat, then registration fails.

**Requirements:** Global variables are not allowed.

The file record format of the file Members.dat is

char IDNumber[ 12 ]; // ID number

char password[ 24 ]; // password

char name[ 8 ]; // name

The screen dialog should appear as follows:

|  |
| --- |
| Welcome to the Cashbox Party World!  1 - Login  2 - Registration  3 - End  Enter your choice (1~3): g  Enter your choice (1~3): 0  Enter your choice (1~3): 4  Enter your choice (1~3): 2  Input your ID Number: 555  The ID number 555 is illegal.  1 - Login  2 - Registration  3 - End  Enter your choice (1~3): 2  Input your ID Number: ggg  The ID number ggg is illegal.  1 - Login  2 - Registration  3 - End  Enter your choice (1~3): 2  Input your ID Number: g66  The ID number g66 is illegal.  1 - Login  2 - Registration  3 - End  Enter your choice (1~3): 2  Input your ID Number: c120057214  The ID number c120057214 is illegal.  1 - Login  2 - Registration  3 - End  Enter your choice (1~3): 2  Input your ID Number: c120057213  Input your Name: james  Choose a password: 111  Registration Completed!  1 - Login  2 - Registration  3 - End  Enter your choice (1~3): 2  Input your ID Number: c120057213  You are already a member!  1 - Login  2 - Registration  3 - End  Enter your choice (1~3): 1  Please enter your ID number: c120057222  Enter your password: 111  Invalid account number or password. Please try again.  Please enter your ID number: c120057213  Enter your password: 222  Invalid account number or password. Please try again.  Please enter your ID number: c120057213  Enter your password: 111  1 - Login  2 - Registration  3 - End  Enter your choice (1~3): 3  Thank you! Goodbye!  請按任意鍵繼續 . . . |