file=open("database.txt","r")

file.close

import datetime

def line():

print("===============================================")

def s():

print()

def welcome():

print("Welcome to the program!")

input1=""

def again():

s()

line()

s()

input1=input("If you want try again, press 1, else press any button : ")

if input1=="1":

s()

line()

signIn()

else:

s()

line()

s()

print("Program ended.")

s()

line()

s()

def home(option=None):

s()

print("Please select an option . . .")

s()

def home2():

option=input("Sign In (1) | Sign Up (2) : ")

s()

line()

if option.strip()=="1":

signIn()

elif option.strip()=="2":

signUp()

else:

s()

print("Enter \"Sign In\" or \"Sign up\", not other things! ")

home2()

home2()

def signIn(Username=None, Password=None):

Username = input("\nEnter your username : ").title().strip()

Password = input("Enter your password : ").strip()

if len(Username or Password)>1:

if True:

db=open("database.txt", "r")

usernames=[]

passwords=[]

for i in db:

a=i.split(",")

a[1]=a[1].strip()

usernames.append(a[0])

passwords.append(a[1])

data = dict(zip(usernames, passwords))

try:

if data[Username]:

try:

if Password == data[Username]:

s()

line()

print("\nLogin was successful!")

s()

line()

else:

s()

line()

print("\nIncorrect password or username.")

again()

except:

s()

line()

print("\nIncorrect password or username.")

again()

else:

s()

line()

print("\nUsername doesn't exist.")

again()

except:

s()

line()

print("\nUsername doesn't exist.")

again()

else:

s()

line()

print("\nPlease attempt login again.")

signIn()

def signUp(Username=None, Password=None, PasswordConfirmation=None, age=None, mail=None, city=None,registerTime=None):

Username=input("\nCreate a username : ").title().strip()

Password=input("Create a password : ").strip()

PasswordConfirmation=input("Please, confirm your password : ").strip()

age=input("Enter your age : ").strip()

mail=input("Enter your mail : ").strip()

city=input("Enter your city : ").title().strip()

registerTime= datetime.datetime.now()

db = open("database.txt", "r")

usernames=[]

for i in db:

a=i.split(",")

c=a[0]

usernames.append(c)

if Password!=PasswordConfirmation:

print("Passwords don't match, please sign up again.")

signUp()

else:

if 1<len(PasswordConfirmation)<=6:

print("Password is too short.")

print("Please, enter one that is longer than 8 letters.")

signUp()

if len(PasswordConfirmation)==0:

print("\nPlease, enter something.")

signUp()

elif Username in usernames:

print("\nUsername has already taken.")

print("Please, choose another username.")

signUp()

else:

db=open("database.txt","a")

db.write(Username+", "+Password+", "+age+", "+mail+", "+city+", "+str(registerTime)+"\n")

print("\nYou have successfully registered!")

welcome()

home()