from encrypt import AES256  
from save import Saver  
import os  
  
masterPassCheck = b'DrllP9U0YpzlAHD52OwupGDnjEC2LtW3OKzP9OjV2Qc='  
  
  
saver = Saver("passwords.txt")  
passwords = saver.read()  
loggedIn = False  
  
while True:  
 if not loggedIn:  
 print("Welcome to Tsuyoi Password Fortress(TPF)\n""Please enter your Master Password: ", end="")  
 masterPass = input()  
  
 encrypter = AES256(masterPass)  
  
 if encrypter.encrypt("herrscher") != masterPassCheck:  
 print("Incorrect Password")  
 input()  
 continue  
 else:  
 loggedIn = True  
  
 os.system("cls")  
  
 print("1. Find your Password")  
 print("2. Add your Password")  
 print("3. Delete your Password")  
 print("4. Close Password Manager")  
  
 print("\nChoice: ", end="")  
 choice = int(input())  
  
 if choice == 4:  
 print("Thanks for choosing TPF as your choice for storing your passwords\n""Until next time, have a great day")  
 break  
  
 if choice < 1 or choice > 3:  
 print("Choose from numbers 1 to 3 for your prefered option\n""If you wish to close the manager, please choose number 4")  
 input()  
 continue  
  
 print("What is the name of the application: ", end="")  
 app = input()  
  
 if choice == 1:  
 for entry in passwords:  
 if app in encrypter.decrypt(entry[0]):  
 print("\n--------------------------------------------")  
 print(f"Name of Application: {encrypter.decrypt(entry[0])}")  
 print(f"Password saved: {encrypter.decrypt(entry[1])}")  
 input()  
  
 elif choice == 2:  
 print("Password: ", end="")  
 password = input()  
  
 passwords.append([encrypter.encrypt(app).decode(), encrypter.encrypt(password).decode()])  
 saver.save(passwords)  
  
 elif choice == 3:  
 for entry in passwords:  
 if app == encrypter.decrypt(entry[0]):  
 print(f"Are you sure you want to delete '{app}' [y/n]: ", end="")  
 confirm = input()  
  
 if confirm == "y":  
 del passwords[passwords.index(entry)]  
 saver.save(passwords)  
  
 break