

“Password manager” python program

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from cryptography.fernet import fernet
def write_key():
    key=fernet.generate_key()
    with open("key.key","wb") as key_file:
        key_file.write(key)***
def load_key():
    file=open("key.key","rb")
    key=file.read()
    file.close()
    return key
master_pwd=input("what is master pwd?")
key=load_key()+ master_pwd.encode()
fer=Fernet(key)
def view():
    with open('passwords.txt','r') as f:
        for line in f.readlines():
            data=line.rstrip()
            user,passw=data.split("|")
            print("User:",user,"|
Password:",(fer.decrypt(passw.encode()).decode()))

def add():
    name=input("Account name:")
    pwd=input("Password:")
    with open('passwords.txt','a') as f:
        f.write(name+"|" +fer.encrypt(pwd.encode()).decode()+ "\n")
```

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while True:
    mode=input("would you like to add a new password or view
existing ones(view,add),press q to quit?").lower()
    if mode=="q":
        break

    if mode=="view":
        view()
    elif mode=="add":
        add()
    else:
        print("invalid mode")
        continue
```