import mysql.connector as a

con=a.connect(host="localhost",user="root",password="1234",database="library")

def addbook():

    bname=input("Enter the book name:")

    c=input("Enter book code:")

    t=input("Total books:")

    s=input("Enter subject:")

    data=(bname,c,t,s)

    sql="insert into books values(%s,%s,%s,%s)"

    c=con.cursor()

    c.execute(sql,data)

    con.commit()

    print(">.....................................")

    print("Data inserted successfully")

    main()

def issuebook():

    n=input("Enter name:")

    r=input("Enter Reg No:")

    co=input("Enter Book Code:")

    d=input("Enter Date:")

    a="insert into issue values (%s,%s,%s,%s)"

    data=(n,r,co,d)

    c=con.cursor()

    c.execute(a,data)

    con.commit()

    print(">.....................................")

    print("Book issued to:",n)

    bookup(co,-1)

def submitbook():

    n=input("Enter name:")

    r=input("Enter Reg No:")

    co=input("Enter Book Code:")

    d=input("Enter Date:")

    a="insert into submit values(%s,%s,%s,%s)"

    data=(n,r,co,d)

    c=con.cursor()

    c.execute(a,data)

    con.commit()

    print(">.....................................")

    print("Book Submitted from:",n)

    bookup(co,1)

def bookup(co,u):

    a="select TOTAL from books where BCODE=%s"

    data=(co,)

    c=con.cursor()

    c.execute(a,data)

    myresult=c.fetchone()

    t=myresult[0]+u

    sql="update books set TOTAL=%s where BCODE=%s"

    d=(t,co)

    c.execute(sql,d)

    con.commit()

    main()

def dbook():

    ac=input("Enter Book Code:")

    a="delete from books where BCODE=%s"

    data=(ac,)

    c=con.cursor()

    c.execute(a,data)

    con.commit()

    main()

def disbook():

    a="select \* from books"

    c=con.cursor()

    c.execute(a)

    myresult=c.fetchall()

    for i in myresult:

        print("Book Name:",i[0])

        print("Book Code:",i[1])

        print("Total:",i[2])

        print(">.........................<")

    main()

def main():

    print("""

                         LIBRARY MANAGER

    1.ADD BOOK

    2.ISSUE BOOK

    3.SUBMIT BOOK

    4.DELETE BOOK

    5.DISPLAY BOOK

    """)

    choice=input("Enter Task No:")

    print(">............................<")

    if(choice=="1"):

        addbook()

    elif(choice=="2"):

        issuebook()

    elif(choice=="3"):

        submitbook()

    elif(choice=="4"):

        dbook()

    elif(choice=="5"):

        disbook()

    else:

        print("Wrong choice..........")

        main()

def password():

    ps=input("Enter Password:")

    if ps=="py143":

        main()

    else:

        print("Wrong password:")

        password()

password()