**KENDRIYA VIDYALAYA SANGATHAN**



**KENDRIYA VIDYLAYA DIAT GIRINAGAR**

**ACADEMIC YEAR: 2020-21**

**A Project Report on**

**ATM MACHINE SOFTWARE**

**SUBMITTED BY-**

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| **Subject Code:** | **083** |
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**UNDERTAKING**

We declare that the work presented in this project titled **ATM MACHINE,** submitted to **Smt. Chandralekha Yadav, PGT-Computer Science Kendriya Vidyalaya DIAT Girinagar** for the award of the **CBSE - AISSE class XII certificate**. We have not plagiarized or submitted the same work for the award of any other examination. In case this undertaking is found incorrect, we accept that our Certificates may be unconditionally withdrawn.

date:-

Place: KENDRIYA VIDYALAYA DIAT GIRINAGAR

**CERTIFICATE**

This is to certify that **NIKHIL KULKARNI** of **class XII, KENDRIYA VIDYALAYA DIAT GIRINAGAR .AISSCE ROLL NO**.**15621125** has satisfactorily completed the project in **COMPUTER SCIENCE** as prescribed by **CBSE** for the session **2020-2021**.

Date:

|  |  |  |
| --- | --- | --- |
| SIGNATURE OF | SIGNATURE OF | SIGNATURE OF |
| TEACHER | EXTERNAL EXAMINER | PRINCIPAL |

**ACKNOWLEDGEMENT**

Apart from the efforts of me, the success of any project depends largely on the encouragement and guidelines of many others. I take this opportunity to express my gratitude to the people who have been instrumental in the successful completion of this project.

I express deep sense of gratitude to almighty God for giving me strength for the successful completion of the project. I express my heartfelt gratitude to my parents for constant encouragement while carrying out this project.

I gratefully acknowledge the contribution of the individuals who contributed in bringing this project up to this level, who continues to look after me despite my flaws, I wish to express my sincere thanks to our principal sir for the successful outcome of this project. I wish to express my deep and profound sense of gratitude to my teacher and guiding light Mrs.**Chandralekha Yadav**. (PGT computer science) and valuable comments, suggestions and guidance.

The guidance and support received from all the members who contributed and who are contributing to this project, was vital for the success of the project. I am grateful for their constant support and help.

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**INTRODUCTION**

The  **ATM MACHINE SOFTWARE**  is device which is as same as normal atm machine . It allows the user to create account, deposit money ,withdraw money, Transfer the money and check Balance.

**Note :**

* Allow the user to input their question.
* Show an in progress message.
* Create 10/20 responses, and show a random response.
* Allow the user to ask another question/advice or quit the software.

**SOURCE CODE**

import mysql.connector as sql

conn=sql.connect(host='localhost',user='root',password='2821',database=' ATM\_MACHINE')

c1=conn.cursor()

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

print(" WELCOME TO OUR ATM ")

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

print("1.To create account")

print("2.To login")

print("3.Exit")

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

op=int(input("Enter your choice :"))

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

f op==1:

c="y"

while c=="y":

m=int(input("Enter a 4 digit number as accont number:"))

cb="select \* from records where ACCONT\_NO={}".format(m)

c1.execute(cb)

d=c1.fetchall()

data=c1.rowcount

if data==1:

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

print("This account number already exists:")

c=input("Do you want to continue y/n -")

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

if c=="y":

continue

else:

print(" Thank you.")

print(" PLEASE CLOSE THIS FILE BEFORE EXITING")

print("Visit again")

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

else:

name=input("Enter your name:")

passw=int(input("Enter your pass word:"))

ab="insert into records(ACCONT\_NO,PASSWORD,NAME) values({},{},'{}')".format(m,passw,name)

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

c1.execute(ab)

conn.commit()

print("Account sucessfully created")

print("The minimum balance is 1000 ")

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

s=int(input("Enter the money to be deposited :"))

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

sr="update records set CR\_AMT={} where ACCONT\_NO={}".format(s,m)

c1.execute(sr)

conn.commit()

ef="update records set balance=cr\_amt-withdrawl where ACCONT\_NO={}".format(m)

c1.execute(ef)

conn.commit()

print("sucessfully deposited")

print(" Thank you")

print(" PLEASE CLOSE THIS FILE BEFORE EXITING")

print("Visit again")

Break

if op==2:

y="y"

while y=="y":

acct=int(input("Enter your account number:"))

cb="select \* from records where ACCONT\_NO={}".format(acct)

c1.execute(cb)

c1.fetchall()

data=c1.rowcount

if data==1:

pas=int(input("Enter your password :"))

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

e="select password from records where ACCONT\_NO={}".format(acct)

c1.execute(e)

a=c1.fetchone()

d=list(a)

if pas==d[0]:

print("correct")

print("1.Depositng money")

print("2.withdrawing money")

print("3.Transfering money")

print("4.Checking balance")

print("5.Changing Account number ")

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

r=int(input("Enter your choice:"))

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

if r==1:

amt=int(input("Enter the money to be deposited:")) print("=============================================================================”)

sr="update records set CR\_AMT=CR\_AMT + {} where ACCONT\_NO={}".format(amt,acct)

c1.execute(sr)

conn.commit()

ef="update records set balance=cr\_amt-withdrawl where ACCONT\_NO={}".format(acct)

c1.execute(ef)

conn.commit()

print("sucessfully deposited")

t=input("Do you want to continue y/n -") print("================================================================================")

if t=="y":

continue

else:

print(" Thank you")

print(" PLEASE CLOSE THIS FILE BEFORE EXITING")

if r==2:

amt=int(input("Enter the money to withdraw:”) print("================================================================================")

ah="select BALANCE from records where accont\_no={}".format(acct)

c1.execute(ah)

m=c1.fetchone()

if amt >m[0]:

print("Your are having less than",amt)

print("Please try again")

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

else:

sr="update records set balance=balance - {} where ACCONT\_NO={}".format(amt,acct)

ed="update records set WITHDRAWL ={} where ACCONT\_NO={}".format(amt,acct)

c1.execute(ed)

c1.execute(sr)

conn.commit()

print("Sucessfully updatad")

y=input("do you want to continue y/n -")

if y=="y":

continue

else:

print(" Thank you")

print(" PLEASE CLOSE THIS FILE BEFORE EXITING")

if r==3:

act=int(input("Enter the accont number to be transferrsd :"))

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

==============")

cb="select \* from records where ACCONT\_NO={}".format(act)

c1.execute(cb)

c1.fetchall()

data=c1.rowcount

if data==1:

print(act ,"number exists")

m=int(input("Enter the money to be transferred :"))

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

==========================")

ah="select BALANCE from records where accont\_no={}".format(acct)

c1.execute(ah)

c=c1.fetchone()

if m > c[0]:

print("Your are having less than",m)

print("Please try again")

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

============================")

else:

av="update records set balance=balance-{} where

ACCONT\_NO={}".format(m,acct)

cv="update records set balance=balance+{} where

ACCONT\_NO={}".format(m,act)

w="update records set withdrawl=withdrawl+{} where accont\_no={}".format(m,acct)

t="update records set CR\_AMT=CR\_AMT+{} where accont\_no={}".format(m,act)

c1.execute(av)

c1.execute(cv)

c1.execute(w)

c1.execute(t)

conn.commit()

print("Sucessfully transfered")

y=input("do you want to continue y/n -")

if y=="y":

continue

else:

print(" Thank you")

print(" PLEASE CLOSE THIS FILE BEFORE EXITING")

if r==4:

ma="select balance from records where accont\_no={}".format(acct)

c1.execute(ma)

k=c1.fetchone()

print("Balance in your account=",k)

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

=======================")

y=input("do you want to continue y/n -")

if y=="y":

continue

else:

print(" Thank you")

print(" PLEASE CLOSE THIS FILE BEFORE EXITING")

if r==5:

i=int(input("Enter your new account number:"))

cb="select \* from records where ACCONT\_NO={}".format(i)

c1.execute(cb)

c1.fetchall()

data=c1.rowcount

if data==1:

print("This number already exists")

print("Try again")

y=input("do you want to continue y/n -")

if y=="y":

continue

else:

print(" Thank you")

print(" PLEASE CLOSE THIS FILE BEFORE EXITING")

else:

name=input("Enter your name")

ar="Update records set accont\_no={} where name='{}' and password={}".format(i,name,pas)

c1.execute(ar)

conn.commit()

print("Your new account number is ",i)

else:

print("Wrong password") print("================================================================================")

y=input("do you want to continue y/n -")

else:

print("your Account does not exists")

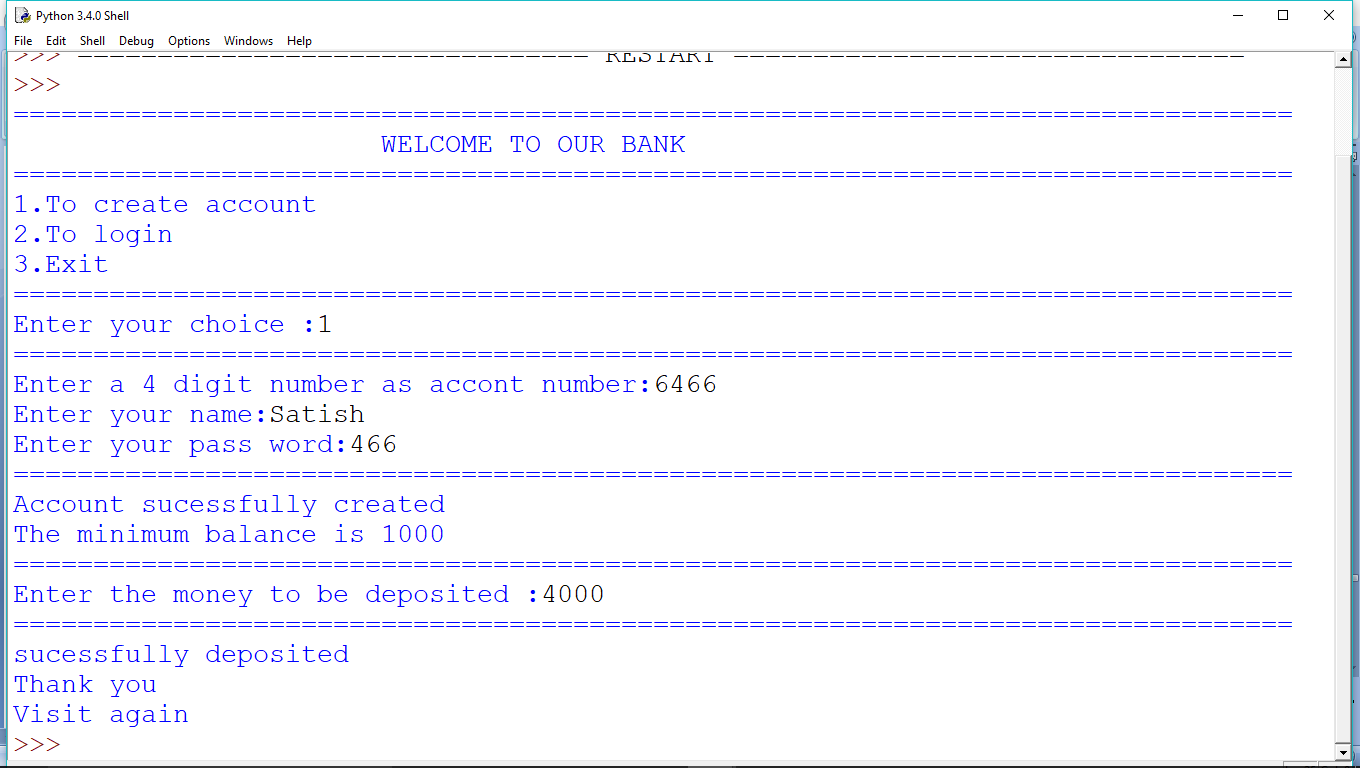
if op==3:

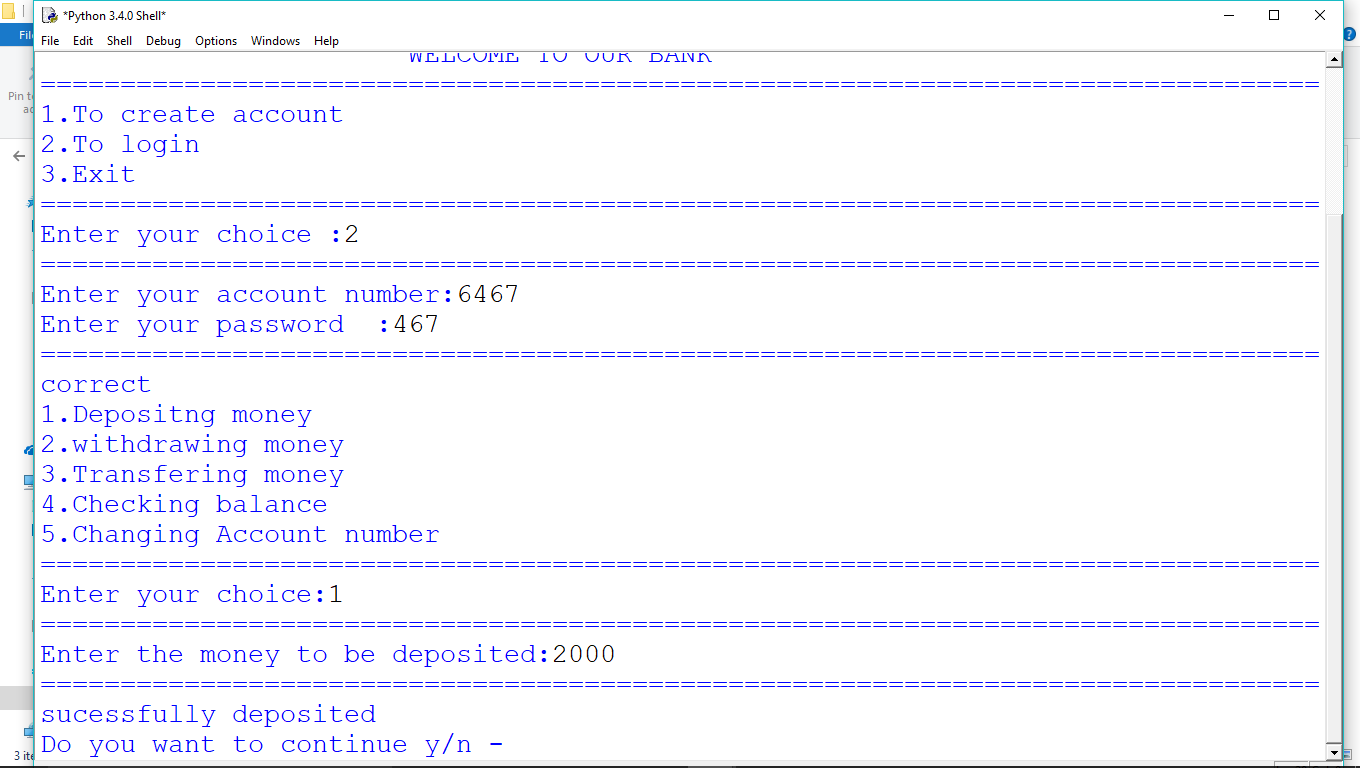
print("Exiting")

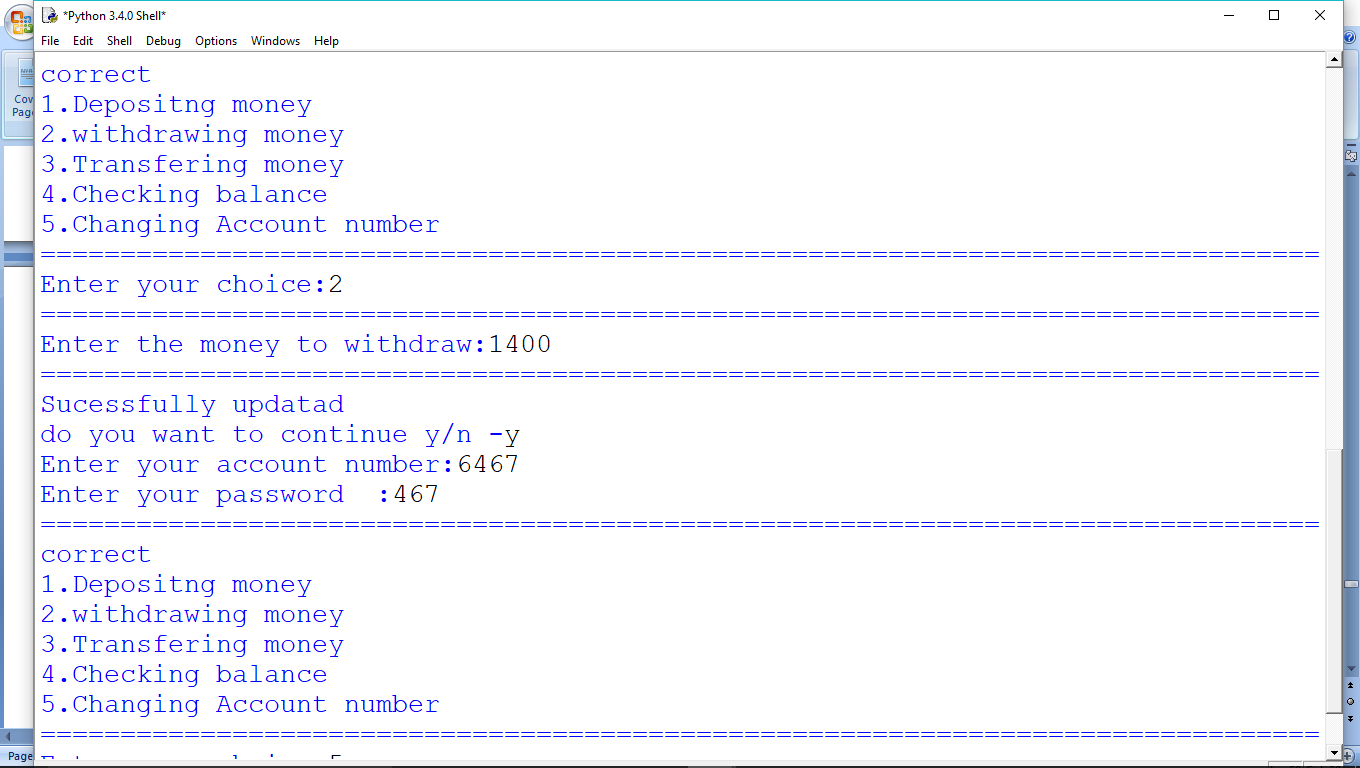
print("Please close this file before exiting.")

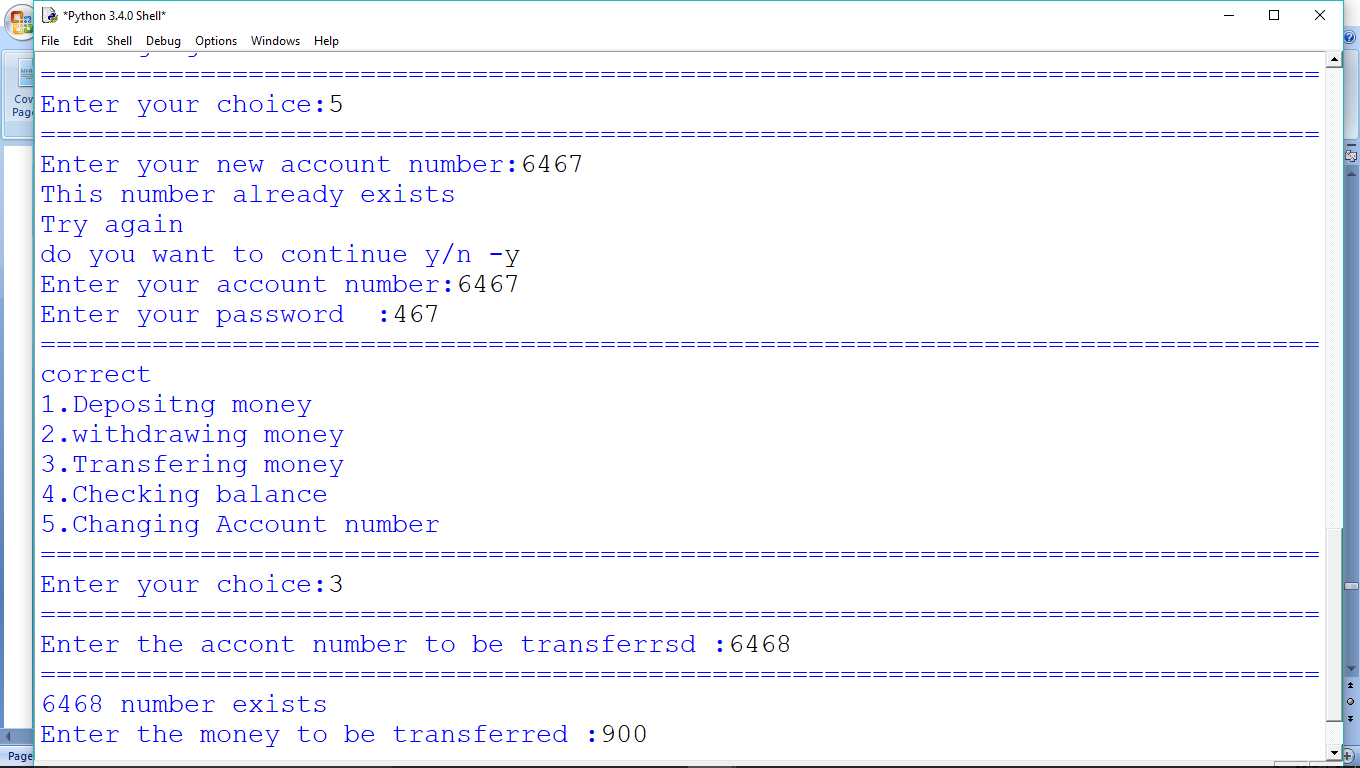
c1.close()

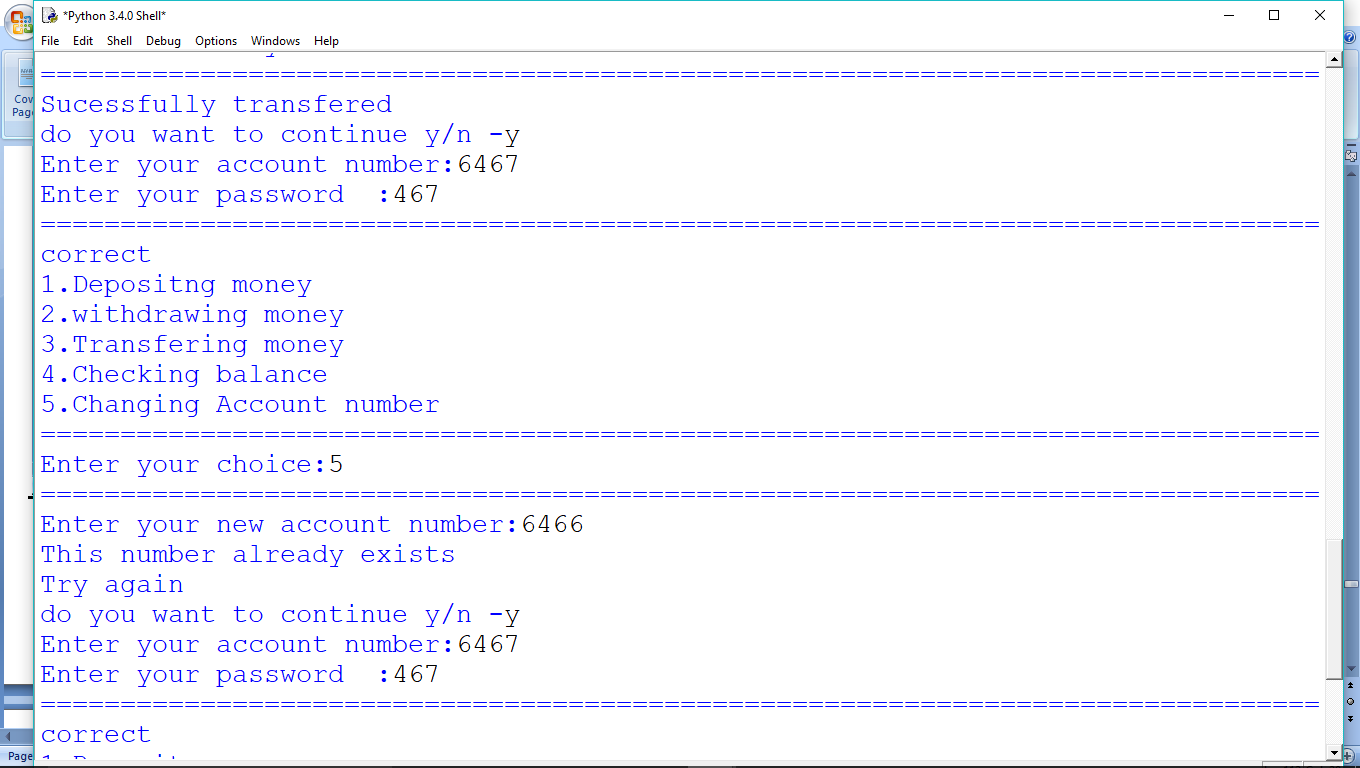
**OUTPUT**

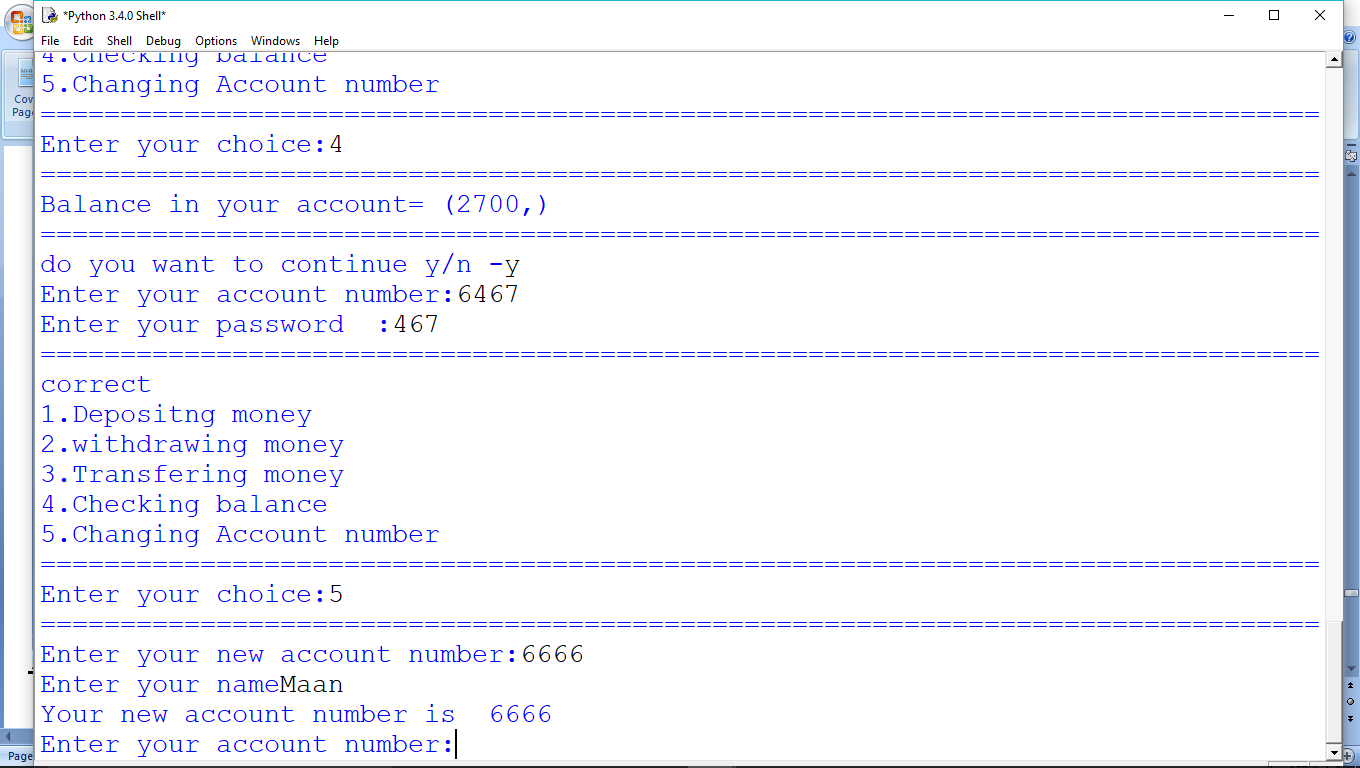
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