#ashish waghmode

#roll no 2174

def withdrawal(amount,balance):

balance = balance-amount

return balance

def deposit(amount,balance):

balance += amount

return balance

def main():

while True :

print ("\t\t1 : Input a new Transaction log")

print ("\t\t2 : Exit")

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

if (ch == 2):

print ("End of Program")

quit()

break

elif (ch == 1) :

balance = 0

list1 = []

print("Enter the transaction log of a user : ")

while True :

data = input()

if(data == ""):

break;

list1.append(data.split())

for transaction in list1 :

if(transaction[0] == 'W') :

if(balance < int(transaction[1])) :

print("[%s %d] : Transaction Declined : Insufficent balance"%(transaction[0],int(transaction[1])))

else:

balance = withdrawal(int(transaction[1]),balance)

print("[%s %d] : Successful Transaction "%(transaction[0],int(transaction[1])))

elif (transaction[0] == 'D') :

balance = deposit(int(transaction[1]),balance)

print("[%s %d] : Successful Transaction "%(transaction[0],int(transaction[1])))

print("\nTotal balance in the account : Rs %d"%balance)

else :

print ("Wrong choice entered !! Try again")

main()

quit()

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Output\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter your choice : 1

Enter the transaction log of a user :

D 300

D 300

W 200

D 100

W 600

D 100

[D 300] : Successful Transaction

[D 300] : Successful Transaction

[W 200] : Successful Transaction

[D 100] : Successful Transaction

[W 600] : Transaction Declined : Insufficent balance

[D 100] : Successful Transaction

Total balance in the account : Rs 600

1 : Input a new Transaction log

2 : Exit

Enter your choice : 2

End of Program

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