**Practical No: 2**

Problem Statement: Write a Python program that computes the net amount of a bank account based a transaction log from console input. The transaction log format is shown as following: D 100 W 200 (Withdrawal is not allowed if balance is going negative. Write functions for withdraw and deposit) D means deposit while W means withdrawal. Suppose the following input is supplied to the program: D 300, D 300 , W 200, D 100 Then, the output should be: 500

**Program:-**

def deposit(amt):

    global balance

    balance=balance+amt

def withdral(amt):

    global balance

    if(amt > balance):

        print("insuffecient balance")

    else:

        balance=balance-amt

list1 = []

balance = 0

print("Enter Transaction log")

while True:

    data = input()

    if (data==""):

        break

    list1.append(data.split())

for transaction in list1:

    if (transaction[0]=="d"):

        deposit(int(transaction[1]))

    elif (transaction[0]=="w"):

        withdral(int(transaction[1]))

    else:

        print("error")

print("total balaance :" ,balance)

**output:**

Enter Transaction log

d 1000

w 300

total balaance : 700