```
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

```
1: Input a new Transaction log
2: Exit
Enter your choice: 1
  Enter the transaction log of a user :
D 200
  D300
D 400
W 700
D2000
```

[D 200] : Successful Transaction

[D 300]: Successful Transaction

[D 400]: Successful Transaction

[W 700]: Successful Transaction

[D 2000] : Successful Transaction

Total balance in the account: Rs 2200

1 Input a new Transaction log

2: Exit