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Assignment. 1:

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

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def deposit(net\_amount, inp):

return net\_amount + inp

def withdraw(net\_amount, inp):

return net\_amount - inp

if \_\_name\_\_ == '\_\_main\_\_':

n = int(input("Enter the number of Transactions: "))

net\_amount = 0

while n > 0:

char, transaction = input().split()

transaction = int(transaction)

if char == 'D':

net\_amount = deposit(net\_amount, transaction)

elif char == 'W':

net\_amount = withdraw(net\_amount, transaction)

n -= 1

print("Output: ", net\_amount)