**Python Assignment que 1**

**Write a program that computes the net amount of a bank account based on a transaction log from console input.**

**The transaction log/sample input is in the format as shown below:**

**Input**

**log\_message = D:100 W:10**

**Output**

**90**

**Input**

**Log\_message = D:100 W:200 D:400**

**Output**

**300 (100 - 200 + 400 = 300)**

netamount = 0

log\_message = input("Enter the transaction log (e.g., D:100 W:10): ")

transactions = log\_message.split()

for transaction in transactions:

transaction\_type, amount\_str = transaction.split(':')

amount = int(amount\_str)

if transaction\_type == 'D':

netamount += amount

elif transaction\_type == 'W':

netamount -= amount

print("Final balance:", netamount)

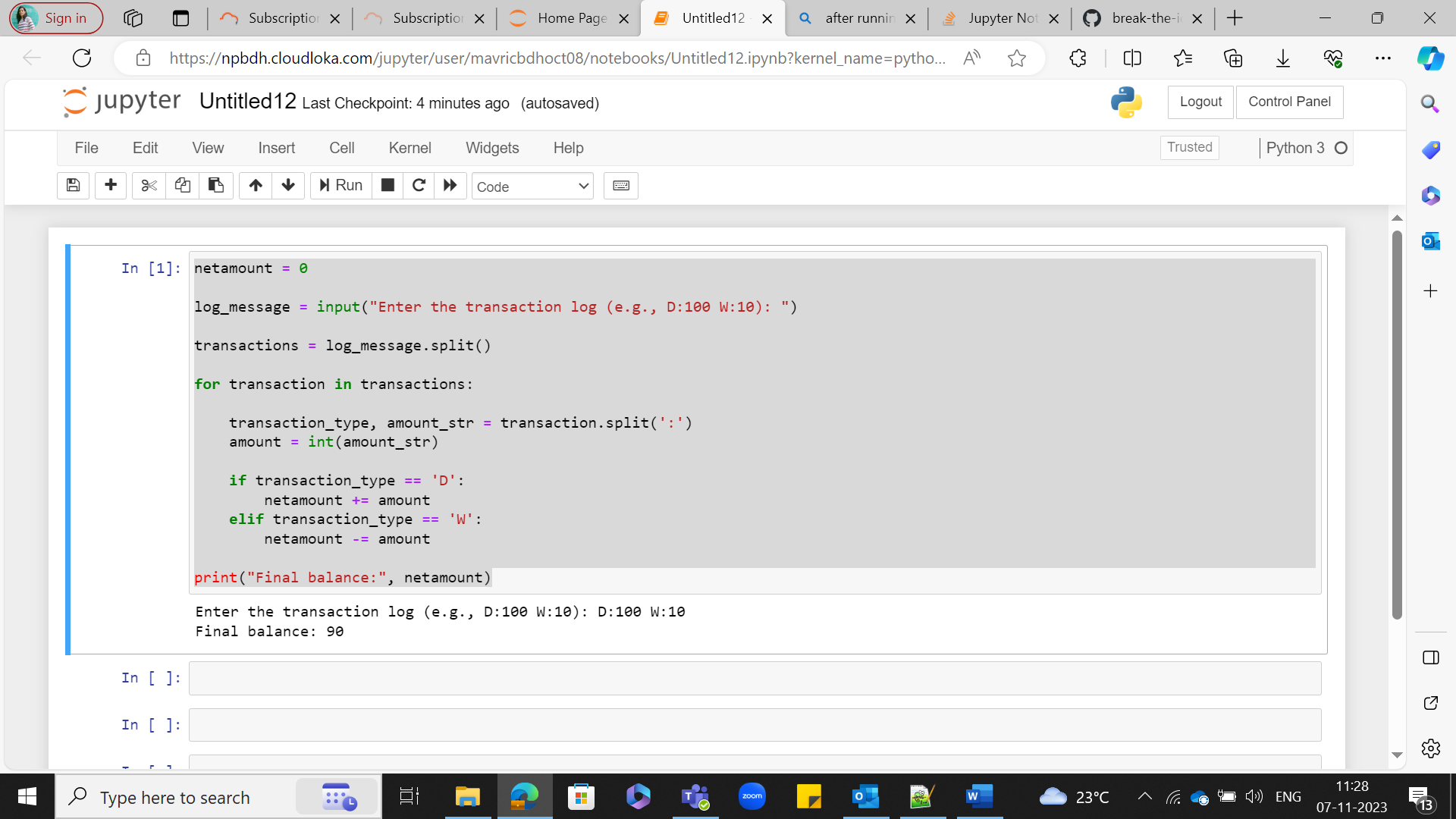
**OUTPUT:**

**1.Enter the transaction log (e.g., D:100 W:10): D:100 W:10**

**Final balance: 90**

**2.Enter the transaction log (e.g., D:100 W:10): D:100 W:200 D:400**

**Final balance: 300**



A screenshot of a computer

Description automatically generated