**Python\_Programme1\_Anup\_Patil  
  
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)  
  
A screenshot of a computer

Description automatically generated  
  
balance = 0

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

# Split the log into transactions

transactions = log\_message.split()

# Process each transaction

for transaction in transactions:

# Split the transaction into type (D or W) and amount

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

amount = int(amount\_str)

# Update the balance

if transaction\_type == 'D':

balance += amount

elif transaction\_type == 'W':

balance -= amount

print("Final balance:", balance)  
  
  
  
  
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