1. Write a program that computes the net amount of a bank account based on a transaction log from console input. The transaction log format is shown as follows: D 100 W 200 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
2. A website requires the users to input username and password to register. Write a program to check the validity of password input by users. Following are the criteria for checking the password:

* At least 1 letter between [a-z]
* At least 1 number between [0-9]
* At least 1 letter between [A-Z]
* At least 1 character from [$#@]
* Minimum length of transaction password: 6
* Maximum length of transaction password: 12 Your program should accept a sequence of comma separated passwords and will check them according to the above criteria. Passwords that match the criteria are to be printed, each separated by a comma.
* Example If the following passwords are given as input to the program: ABd1234@1,a F1#,2w3E\*,2We3345 Then, the output of the program should be: ABd1234@1

1. Calculating Total Sales using zip function consider the following

# Lists of products and their sales

products = ["Laptop", "Mouse", "Keyboard",”bag”]

sales = [100, 50, 75,120]