

Higher average

Write a program that, after storing five integer numbers read from the keyboard in a vector, displays the arithmetic mean **m** and the list of vector elements greater than m.

Input

The first line contains the 5 numbers divided by space.

Output

The first line contains the arithmetic mean.

The second line contains the vector of elements greater than m.

Sample input

Sample output

3 34 45 34 12	25,60 34 45 34
33 44 55 66 77	55,00 66 77
1 10 100 1000 10000	2222,20 10000