

Input

Key	Value
1	A B C D
2	A C A
3	B D D E



Map

Key	Value
A	1
B	1
C	1
D	1
A	1
C	1
A	1
B	1
D	1
D	1
E	1



Reduce

Key	Value
A	1+1+1
B	1+1
C	1+1
D	1+1+1
E	1



Output

Key	Value
A	3
B	2
C	2
D	3
E	1