

Anagrams

Lab Exam 1 - Replay

Computer Programming

Date: 3 October, 2019

Problem Code: **ANA** [10 Marks]

Problem Statement: Given two strings P and Q, find if P and Q are anagrams of each other.

Note: Two strings are anagrams of each other if one can be permuted or rearranged to get another.

Input

First line of input is T, denoting number of test cases. Next T lines have two space separated strings P and Q. P and Q are alphanumeric string, i.e. P and Q have uppercase letters, lowercase letters and digits.

Output

Output "Yes" (without quotes) if P and Q are anagrams, "No" (without quotes) otherwise.

Constraints

$$1 \leq T \leq 100$$

$$1 \leq |P|, |Q| \leq 10^5$$

Time Limit: 1 sec

Memory Limit: 256 MB

Sample Test Case

Input	Output
5	Yes
1abCc Ccab1	No
ab0c ca2d	No
xYz zYx0	No
aBc aB	Yes
BSLCetuk BeStLuCk	