## Anagram (challenge)

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English version

## Deutsche Fassung

In this problem, you are given two strings $\mathbf{S 1}$ and $\mathbf{S 2}$, your task is to determine whether one string is an anagram of the other.

## Input

The first line would consist of the number of test cases $\mathbf{t}(\mathrm{t}<100)$. This would be followed by $\mathbf{t}$ lines consisting of two space separated strings. Each string would consist of no more than 100 characters.

## Output

You have to print YES if one string is an anagram of the other or $N O$ otherwise.

## Example

Input:
4
aaba aaab
abcd deba
tom_marvolo_riddle_i_am_lord_voldemort
_gregory_House Huge_ego_sorry
Output:
YES
NO
YES
YES

