# Pile of Word



### Problem Statement

**Pile of Word** is a word formed by rearranging the letters of another word, using all the original letters exactly once. In other words, it involves creating a new word by rearranging the characters of a given word. It is possible that after rearranging it looks like the original one.

You will be given two strings $S1$ and $S2$. You need to determine if the strings are **Pile of Word** of each other.

### Input Format

- First line will contain $T$, the number of test cases.
- Each line of the test case will contain $S1$ and $S2$ separated by a space. The string will contain Enlish small alphabets only.

### Constraints

1. $1 \leq T \leq 10^3$
2. $1 \leq |S1|, |S2| \leq 10^4$. Here || means the length of string.

### Output Format

- Ouptut $YES$ if the strings are **Pile of Word** to each other, $NO$ otherwise.

### Sample Input 0

```
4
eat tea
madam madam
ball all
ant tan
```

### Sample Output 0

```
YES
YES
NO
YES
```

More

C++20

```cpp
#include <cmath>
#include <cstdio>
#include <vector>
#include <iostream>
#include <algorithm>
using namespace std;


int main() {
    /* Enter your code here. Read input from STDIN. Print output to STDOUT */
    return 0;
}
```

Line: 1 Col: 1

Upload Code as File  Test against custom input  Run Code  Submit Code