

## **B. I have but one life to lose for my country**

Nathan Hale, spy extraordinaire, is attempting to figure out what the British are saying. The British spy communication system relies on taking any word and scrambling it, forming an anagram. So for example, if the word is “Tiger”, the British scramble it into “igert” or “geitr”, or many other permutations of letters. Hale has a guess for what the encoded British message is, but he isn't sure if his guess and the British message are anagrams. He needs you to find out if a pair of words are anagrams.

### **Input Format**

The first line will contain the number of test cases ( $n < 500$ ). The next  $n$  lines will contain two words, the first being the British message, and the second being Hale's guess as to the unscrambled word. The length of the words  $< 50$  and all letters are lowercase.

### **Output Format**

For each test case, output one line saying whether (Yes or No) the two words are anagrams.

### **Sample Input**

```
3
atb bat
rotca carrot
rraby barry
```

### **Sample Output**

```
Yes
No
Yes
```