

# CCC '07 J4 - Anagram Checker

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**Time Limit:** 2.0s    **Memory Limit:** 64M

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## Canadian Computing Competition: 2007 Stage 1, Junior #4

An anagram is a word or a phrase formed by rearranging the letters of another phrase such as `ITEM` and `TIME`. Anagrams may be several words long such as `CS AT WATERLOO` and `COOL AS WET ART`. Note that two phrases may be anagrams of each other even if each phrase has a different number of words (as in the previous example). Write a program to determine if two phrases are anagrams of each other.

## Input Specification

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The program should take two phrases, each on a separate line. You may assume that the input only contains upper case letters and spaces.

## Output Specification

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The program will print out one of two statements: `Is an anagram.` or `Is not an anagram.`

## Sample Input

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```
CS AT WATERLOO
COOL AS WET ART
```

## Sample Output

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```
Is an anagram.
```