

# Java Anagrams

Two strings *A* and *B* are called anagrams if they consist same characters, but may be in different orders. So the list of anagrams of **CAT** is **CAT, ACT, TAC, TCA, ATC, CTA**.

Given two strings, print **Anagrams** if they are anagrams, print **Not Anagrams** if they are not. The strings may consist at most **50** English characters; the comparison should NOT be case sensitive.

This exercise will verify that you can sort the characters of a string, or compare frequencies of characters.

## Sample Input 0

```
anagram
margana
```

## Sample Output 0

```
Anagrams
```

## Sample Input 1

```
anagramm
marganaa
```

## Sample Output 1:

```
Not Anagrams
```