

Two strings, a and b , are called anagrams if they contain all the same characters in the same frequencies. For this challenge, the test is not case-sensitive. For example, the anagrams of CAT are CAT, ACT, tac, TCA, aTC, and CtA.

Function Description

Complete the isAnagram function in the editor.

isAnagram has the following parameters:

- string a: the first string
- string b: the second string

Returns

- boolean: If a and b are case-insensitive anagrams, return true. Otherwise, return false.

Input Format

The first line contains a string a .

The second line contains a string b .

Constraints

- $1 \leq \text{length}(a), \text{length}(b) \leq 50$
- Strings a and b consist of English alphabetic characters.
- The comparison should NOT be case sensitive.

Sample Input 0

```
anagram  
margana
```

Sample Output 0

```
Anagrams
```

Explanation 0

Character	Frequency: anagram	Frequency: margana
A or a	3	3
G or g	1	1
N or n	1	1
M or m	1	1
R or r	1	1

The two strings contain all the same letters in the same frequencies, so we print "Anagrams".

Sample Input 1

```
anagramm
marganaa
```

Sample Output 1

```
Not Anagrams
```

Explanation 1

Character	Frequency: anagramm	Frequency: marganaa
A or a	3	4
G or g	1	1
N or n	1	1
M or m	2	1
R or r	1	1

The two strings don't contain the same number of a's and m's, so we print "Not Anagrams".

Sample Input 2

```
Hello
hello
```

Sample Output 2

```
Anagrams
```

Explanation 2

Character	Frequency: Hello	Frequency: hello
E or e	1	1
H or h	1	1
L or l	2	2
O or o	1	1

The two strings contain all the same letters in the same frequencies, so we print "Anagrams".