

# Java Anagrams

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

CharacterFrequency: `anagram` Frequency: `margana`

<code>A</code> or <code>a</code>	3	3
<code>G</code> or <code>g</code>	1	1
<code>N</code> or <code>n</code>	1	1
<code>M</code> or <code>m</code>	1	1
<code>R</code> or <code>r</code>	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

CharacterFrequency: 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

CharacterFrequency: 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".