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CPSC Assignment 1

Anagrams

The main goal of this assignment is to allow the user to input two strings and then tell them if they are anagrams of each other. An anagram means that the two strings contain exactly the same characters but in any order. This mean we will ignore any spaces when comparing the two. My program first prompts the user to enter two strings and then uses an isAnagram method to compare the two. The program then continues to state whether the two strings were anagrams of each other or not. One issue we had to take care of was getting rid of any potential spaces with a replaceAll command. replace all made the most sense here because we wanted to get rid of all spaces in the given string. If I were to do this again I would like to clean up my method and make the method read better.

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Test Cases:

First String (Hit enter when done):

*Hitler Woman*

Second String (Hit enter when done):

*Mother In Law*

"Hitler Woman" and "Mother In Law" are anagrams.

First String (Hit enter when done):

*Gonzaga*

Second String (Hit enter when done):

*Za O Ng A g*

"Gonzaga" and "Za O Ng A g" are anagrams.

First String (Hit enter when done):

*hi mother*

Second String (Hit enter when done):

*hi father*

"hi mother" and "hi father" are not anagrams.