## Problem ID: 6

## Problem Name: Anagrammatical

## Description: Given two sentences of any lengths, how can we determine if one is an anagram of the other? We do not care about spaces or punctuation, only that the letters in each sentence are identical except for their ordering. How can we do this in the shortest possible time if the words were many billions of letters in length?

## UB Number:

## Name:

<ADD YOUR **ONE PAGE** ANALYSIS AND PROPOSED SOLUTION HERE AND REMOVE THIS TEXT.>

<ADD YOUR FLOW CHART OR PSEUDOCODE HERE AND REMOVE THIS TEXT. NO ADDITIONAL TEXT SHOULD BE ON THIS PAGE EXCEPT FOR TEXT IN A FLOWCHART OR PSEUDOCODE ALGORITHM>