**Q. Stepped Strings**

Two equal length strings S1 and S2 are said to be stepped strings if the difference between the letter position in English alphabet of non space characters is ‘i’ where ‘i’ is the position of the character in the strings excluding spaces in the strings. Letter position of character ‘a’ in English alphabet is 1, letter position of character ‘b’ is 2 and so on.

Given two strings S1 and S2, write a C program to check if S1 and S2 are stepped strings. If the strings are of different length then print "Length different" and if strings contain non alphabets then print "Strings contain non alphabets" and if strings differ in the position of space then print "Strings differ in space" and print "Strings are not stepped" when valid strings are given and they differ in the step value.

Input Format

First line contains the string, s1

Second line contains the string, s2

Output Format

Print either Strings are stepped or Length different or Strings differ in space or Strings are not stepped or Strings contain non alphabets.

**Python Program**

s1 = input()  
temp = s1.split(**" "**)  
string1 = **""**for element in temp:  
 string1 += element  
s2 = input()  
temp = s2.split(**" "**)  
string2 = **""**for element in temp:  
 string2 += element  
Flag1 = True; Flag2 = True; Flag3 = False  
for element1 in string1:  
 if not element1.isalpha():  
 Flag1 = False  
 break  
for element2 in string2:  
 if not element2.isalpha():  
 Flag2 = False  
 break  
if len(s1) != len(s2):  
 print(**"Length different"**)  
elif not Flag1 or not Flag2:  
 print(**"Strings contain non alphabets"**)  
elif s1.find(**" "**) != s2.find(**" "**):  
 print(**"Strings differ in space"**)  
else:  
 for counter in range(len(string1)):  
 if abs(ord(string1[counter]) - ord(string2[counter])) == (counter+1):  
 Flag3 = True  
 else:  
 Flag3 = False  
 break  
 if not Flag3:  
 print(**"Strings are not stepped"**)  
 else:  
 print(**"Strings are stepped"**)