https://course.acciojob.com/idle?question=05c4e411-0657-447f-8f0b-2ba24f62969f

- EASY
- Max Score: 30 Points

kAnagrams

Given two strings of lowercase alphabets and a value `K`, your task is to complete the given function which tells if two strings are K-anagrams of each other or not.

Two strings are called K-anagrams if both of the below conditions are true.

1. **Both have same number of characters.**
2. **Two strings can become anagram by changing at most K characters in a string.**

Input Format

Take input of `k`

Take input of two strings in the same line.

Output Format

Output 1 for true and 0 for false.

Example 1

Input

```
2
fodr gork
```

Output

```
1
```

Explanation

Can change fd to gk

Example 2

Input

```
3
anagram grammar
```

Output

```
1
```

Explanation

We can update maximum 3 values and it can be done in changing only `r` **to** `n` **and** `m` **to** `a` **in str2.**

Constraints

1 ≤ length of String ≤ 10^5

1 ≤ K ≤ length of String

Topic Tags

- **Hashing**
- **Strings**

My code

```
// in java
import java.io.*;
import java.util.*;
```

```
public class Main {
        static int  check_ana(String  s,String  t,int K)
        {
   HashMap<Character,Integer>hm=new  HashMap<>();//creat
hashmap
      int n=s.length();//lenght of strring
                        int n2=t.length();
                        if(n!=n2)
                                return 0;
      for(int i=0;i<n;i++)
      {
       hm.put(s.charAt(i),hm.getOrDefault(s.charAt(i),0)+1);
      }//end of for


int c=0;
      for(int i=0;i<n;i++)
      {
          if(hm.containsKey(t.charAt(i)))
          {
               hm.put(t.charAt(i),hm.get(t.charAt(i))-1);
             if(hm.get(t.charAt(i))==0)
              hm.remove(t.charAt(i));
          }
          else c++;
      }//end of for


  //return c;


                //      System.out.print(c);
```

```
            if(c<=K)
                return 1;
            return 0;
        }
    public static void main(String args[]) {
        // your code here

            Scanner s=new Scanner(System.in);
                int k=s.nextInt();
            String str1=s.next();
             String str2=s.next();

           System.out.println( check_ana(str1,str2,k));
    }
}
```