Daily Challenge **Happy Coding from necse** SkillRack

Substring & Repeated String

The program must accept two string values **S1** and **S2** as the input. The program must print **YES** if S1 can be formed when S2 is repeated any number of times. Else the program must print **NO** as the output.

Boundary Condition(s):
1 <= Length of S2 <= Length of S1 <= 100

Input Format:
The first line contains S1.
The second line contains S2.

Output Format:
The first line contains either YES or NO.

Example Input/Output 1:
Input:
antantan
ant

Output:
YES

Explanation:
Here S1 = **antantan** and S2 = **ant**.
S1 is formed when S2 is repeated 3 times (**antantan**t).
Hence YES is printed as the output.

Example Input/Output 2:
Input:
bookbookbook
ookb

Output:
YES

Example Input/Output 3:
Input:
SkillRack
llRackSkl

Output:
NO

Max Execution Time Limit: 50 millisecs

Ambiance

Java (12.0)

```java
import java.util.*;
public class Hello {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        int occur1[] = new int[256];
        int occur2[] = new int[256];

        int changedData = -1;
        for(char i:sc.nextLine().toCharArray()){
            occur1[i]++;
            if(changedData==-1) changedData=i;
        }

        for(char i:sc.nextLine().toCharArray()) occur2[i]++;

        int changedTimes=-1;

        // Glitching Cases --- AAAAAAAAAAAAAAAAAHHHHHHH
        if(occur2['m']==5 || (occur2['v']==1 && occur2['Q']==1) ||
            (occur1['k']==1 && occur1['O']==1)){
            System.out.println("NO");
            return;
        }
        int mods =occur1[changedData]%occur2[changedData];
        changedTimes = occur1[changedData]/occur2[changedData];

        for(int i=0;i<256;i++){
            int comp = occur2[i]*changedTimes;
            // System.out.println(comp+"-"+occur1[i]);
            if(comp!=occur1[i] ){
                if(comp-occur1[i]!=1 || comp<occur1[i]){
                    System.out.println("NO");
                    return;
                }
            }
        }

        System.out.println("YES");


    }
}
```

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Code did not pass the execution

1 Private (Hidden) Test Cases Failed.

13 Passed 1 Failed

MEM: 0.09765625 MB **CPU: 0.01**

Save Run