

Question 1

Correct

Marked out of 10.00

Given two string values **S1** and **S2**, the program must print **YES** if the characters of S2 occurs in the same order of occurrence in the string value S1. (The characters of S2 need not to be continuous but maintain their relative order). Else the program must print **NO**.

Boundary Condition(s):

1 <= Length of S1, S2 <= 10⁷

Input Format:

The first line contains the string S1.

The second line contains the string S2.

Output Format:

The first line contains either YES or NO.

Example Input/Output 1:

Input:

superkoolfillerandcopperkit

skillrack

Output:

YES

Explanation:

skillrack is present in the same order of occurrence in S1 in the following positions. Hence the output is YES.

s-1 k-6 i-11 l-12 l-13 r-15 a-16 c-19 k-25

Example Input/Output 2:

Input:

germanactor

men

Output:

NO

For example:

Input	Result
superkoolfillerandcopperkit skillrack	YES
germanactor men	NO

Answer: (penalty regime: 0 %)

```

1 def check(s1,s2):
2     i,j=0,0
3     while i < len(s1) and j < len(s2):
4         if s1[i] == s2[j]:
5             j+=1
6             i+=1
7     return "YES" if j==len(s2) else "NO"
8 s1=input()
9 s2=input()
10 print(check(s1,s2))

```

	Input	Expected	Got	
✓	superkoolfillerandcopperkit skillrack	YES	YES	✓
✓	germanactor men	NO	NO	✓

Passed all tests! ✓