Finding the Minimum Character Shifts

Given two strings, A and B, we want to see if it's possible to transform A to B by repeatedly moving the first character of A to the back of the string. If it's possible, we need to find the minimum number of such moves needed to make this transformation. If it's not possible, we should return -1.

Input:

- String A and B in separated by space in low case of alphabet.
- 0 < length of string A = length of string B <100

Output:

Print, single number of minimum moves needed or -1

Sample:

No.	Sample Input	Sample Output
1	good oodg	1
2	good dgoo	3
3	abc abc	0
4	abcd efgh	-1