


Assignment Case	
CH1Special	
Periode Berlaku Semester Ganjil 2021/2022 Valid on Odd Semester Year 2021/2022	Software Laboratory Center Assistant Recruitment 22-1

## Soal

Case

### Repeat String until Target

You are given two string **a** and **b**, return the number of minimum number of times that you need to repeat string **a** until it becomes string **b**.

Note : “abc” repeated 0 times is “”, repeated 1 time becomes “abc” and repeated 2 times becomes “abcabc”.

### Input

The program will ask for two lines of input, string **a** and **b**.

### Constraint

$1 \leq \text{strlen}(a), \text{strlen}(b) \leq 10000$

### Output

Print the minimum number that **a** need to becomes **b**, if it is **impossible**, return **-1**.

**Example (Print out one ‘\n’ at the end of the results)**

Input	Output
abcd cdabcdab	3
a aa	2

### **Explanation**

“abcd” times 3 becomes ab**cdabcdab**cd which contains “cdabcdab”.