|  |  |
| --- | --- |
| **Assignment Case** | Description: LogoBINUS-University |
| 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 ≤ strlen(a), strlen(b) ≤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”.