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### A. String Matching

time limit per test: 1 second memory limit per test: 256 megabytes

Given two strings s and t, determine the number of times t occurs in s.

### Input

The first line contains s, the second line contains t. The lines consist only of capital Latin letters, and  $1 \le |s|, |t| \le 300000$ .

### Output

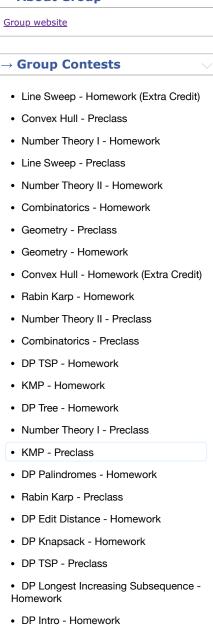
Output the number of times t occurs in s.

## **Examples**



# UIUC CS 491 Spring 2025 **Private Participant**

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