Number of letters   X81743_en

Write a program such that given an integer $n > 0$, two letters $c1$ and $c2$ in alphabetical order, and a sequence of letters, outputs the number of the n-th first letters in the sequence that are between $c1$ and $c2$.

Exam score: 3.5 **Automatic part:** 40%

Input

The input is an integer $n > 0$, two lowercase letters $c1$ and $c2$ where $c1$ is smaller than or equal to $c2$ in alphabetical order, and a sequence of at least n lowercase letters.

Output

The output is the number of the n-th first letters in the sequence that are between $c1$ and $c2$ (both included).

Sample input 1	Sample output 1
`3 cg` `adefab`	`2`

Sample input 2	Sample output 2
`6 cg` `adefab`	`3`

Sample input 3	Sample output 3
`3 cg` `acgfab`	`2`

Problem information

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