# Gradient string

If a string, each letter (except the first), is the last one of the previous letter, such a string is called a gradient string. For example, ”abced”,”hijklmnopqr” are gradient strings,”abce” is not a gradient string.

You have N cards with lowercase letters, you want to make them to the gradient strings as few as possible, and all cards need to be used up.

Question: how many tapered strings are made up at least?

If the machine is presented with a sample and submits wrong answer on test 1, check if getchar () has been used to absorb the space of the last row before gets or scanf ("%c").

INPUT

The first line of a number N.

The following line of N lowercase letters.

OUTPUT

The minimum number of tapered strings.

Sample input 1

11

dbagccedbba

Sample output 1

4

Sample input 2

55

xbzqcecjtrzpqchtucjgccdiyslvnzbmlsoxaiuhsfeqsntoyekfhbw

Sample output 2

19

Hint

The sample 1 can make up such 4 gradient strings "abcde" "bcd" "ab" "g"