

Problem 2

Problem Statement:

Given a string s , calculate the longest palindromic substring using hashing.

Input:

The first line contains a single integer n denoting the length of the string.

The second line contains a string s of length n consisting only of lower-case English letters.

Output:

Print a single integer denoting the length of the longest palindromic substring.

Constraints:

$$1 \leq n \leq 10^5$$

Sample Testcases:

Input	Output
5 abbac	4

Input	Output
5 abdbc	3