

Mirrored

ZPRAC-16-17-Lab5

[25 points]

Given an integer N and a word with N characters as input, print whether it is a palindrome or not.

A word is a palindrome if it is same as the word formed by reversing its characters. For example, the word “racecar” is the same when spelled backwards and hence it is a palindrome.

Input Format:

First line contains a single integer N .

Second line contains N characters without any spaces in between.

Constraints:

$1 \leq N \leq 1000$

Output Format:

Print “Yes” if the string is a palindrome, else print “No”.

Example:

Input:

5

abcba

Output:

Yes

Input:

5

abbac

Output:

No

