

<Welcome/>

I'm glad that you're here with us.

This is **Stage Two...**

You are required to do the following:

Caesar Cipher:

Encryption is used all over the world, especially on the internet. Encryption secures our data; nobody can read or access our sensitive information. Here we will explore the Caesar Cipher, but first we will represent the English alphabet as follows:

$$A \rightarrow 0, B \rightarrow 1, \dots, Z \rightarrow 25$$

You are required to shift the letters 3 places to the right as shown below:

Message: Hello World

Encrypted: Kh00r Zru0g

Explanation: H is represented as the number 7, if we add 3 to it, it will become 10, thus K.

Note that X is represented as 23, so if we add 3 to it, it will become 26, numbers greater than or equal to 26 are subtracted by 26, so 26 will become 0, which is A.

Input:

The user will input a strictly positive integer n , then a string str , with length n .

Output:

Sample input: This is a test case.

Sample Output: Wklv lv d whvw fdvh.

Ready,
Set,
Code...