Code Encode

locked

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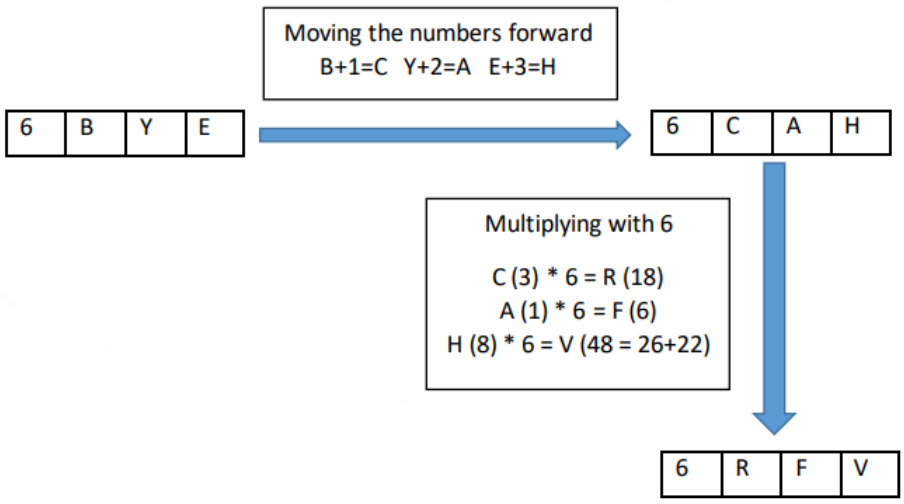
You are in an online class where sir has disabled private chat, so you can only chat with everyone. But you want to chat with your friend only, so you and your friend invent secret encoding technique.

You encode a given word with a number n in the following way:

```
The original letters were moved forward by the same number as their position in the word and then multiplied by
n(see below image).
```



Input Format

First line of input will contain a single integer n.

Second line of input contains a single word. The letters of the word are all uppercase English letters.

Constraints

$1 \leq n \leq 25$

Length of the word $\leq 10^5$

Output Format

Give encoded word.

Sample Input 0

```
6
BYE
```

Sample Output 0

RFV

Explanation 0

Check above picture for explanation.

Submissions: 26
Max Score: 160
Difficulty: Medium

Rate This Challenge:

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Current Buffer (saved locally, editable) C++

```cpp
#include <iostream>
//#include <string>
using namespace std;

int main()
{
  int n,i;
  string a;
  string c = "";
  char temp;
  cout << "";
  cin >> n;
  cin >> a;
  int l = a.length();
  for(i=1;i<l;i++)
  {
    temp = a[i-1];
    temp = temp + i;
    c += temp;
  }
  cout << c;

}

```

Line: 1 Col: 1

Upload Code as File Test against custom input Run Code Submit Code