# On the Subject of Caesar Cipher

The Roman warlord Caesar had his own personal way to encrypt his data. We could think about him as the father of the modern cryptography. But you are a qualified soldier so you won't have problems in decoding our message, don't you?

You are given an encrypted word. Decrypt it, write it in the second box and press OK to solve the module.

To decrypt the word start by finding the key.

Add every digit on the serial and then, referring to "Letter-Number Relation" below, follow those steps to find your word.

Each step is exclusive for the other, so you'll go in step 2 if you don't match condition in step 1 and so on.

#### The serial number contains a vowel:

Every letter of the word must be shifted backwards by the key Keep in mind that if you go under the 0, the next number will be 26 because numbers go only from 0 to 26.

## The bomb contains more than 2 batteries:

Every letter of the word must be shifted forwards by the key Keep in mind that if you go over the 26, the next number will be 0 because numbers go only from 0 to 26.

#### There is a serial port and the bomb has at most 2 batteries:

This is a particular case, since you won't need the key.

Every letter must be shifted backwards by his Letter-Number Relation multiplied by the number of batteries on the bomb

Keep in mind that if you go under the 0, the next number will be 26 because numbers go only from 0 to 26.

### You committed two strikes:

Every letter of the word must be shifted forwards by the rest of the division between his Letter-Number Relation and the key.

#### None of the previous case matches:

The word is not encrypted, just type it as you see it and press OK.

# Letter-Number Relation

Letter	Number
Q	0
· W	1
E	2
R	3
Т	4
Y	5
U	6
I	7
0	8
P	.9
A	10
S	11
D	12
F	13
· G	14
Н	15
J	16
K	17
, L	18
Z	19
X	20
C	21
V	22
B	23
N	24
M	25
Space	26