

```
ALPHABET='ABCDEFGHIJKLMNOPQRSTUVWXYZ'
```

```
def position_alphabet(lettre):  
    return ALPHABET.find(lettre)
```

```
def cesar(message, decalage):  
    resultat = ''  
    for lettre in message :  
        if lettre in ALPHABET :  
            indice = ( position_alphabet(lettre) + decalage )%26  
            resultat = resultat + ALPHABET[indice]  
        else:  
            resultat = resultat + lettre  
    return resultat
```

```
assert cesar('BONJOUR A TOUS. VIVE LA MATIERE NSI !',4) == 'FSRNSYV E XSYW. ZMZI PE  
QEXMIVI RWM !'
```

```
assert cesar('GTSOTZW F YTX. ANAJ QF RFYNJWJ SXN !',-5) == 'BONJOUR A TOUS. VIVE LA  
MATIERE NSI !'
```