



30 DAYS OF CODE (PYTHON TRACK)

Day 9 - Simple Decryption Exercise

Given a paragraph text as a string and its decryption key, create a function named **decryptor** that returns the decrypted text. The decryption key will be in the form of a positive or negative integer. The number indicates how many alphabets away each character is from its actual value and the sign indicates the direction (forward for positive and backward for negatives). e.g. given the text 'Gvvrk' and decryption key =-6, the result should be 'Apple'.

Note that if in counting backward, one has to go before A, we continue from Z. The same goes for counting beyond Z, we continue from A. **Also, all cases should be retained and all non-alphabets should not be modified.**

Test Cases:

```
print(decryptor('Nby vis cm aix.',6)) returns 'The boy is good.'
print(decryptor('Rovvy pbyw dro ydrob csno...',-10)) returns
'Hello from the other side...'
print(decryptor('Ukq'ra kjhu fqop xacqj.',4)) returns "You've
only just begun."
print(decryptor('Sdwp zkaoj'p gehh ukq, iwgao ukq
opnwjcan.',-22)) returns "What doesn't kill you makes you
stranger."
print(decryptor('Rcb mjh 9 xo cqn 30 mjhb xo lxm
lquunwpm!!',17)) returns "Its day 9 of the 30 days of code
challenge!!"
```

N.B: No in-built module should be used.