Reverse coding question

Name: Ubaid usmani

Theory:

Circular shift a character to a lower case equivalent by the quotient and remainder of total no of alphabets by a number

For egs:

If character is c

And number is 2

The shifted characters are p and c

Input:

A character and a number a separated by a space

Output:

Circularly shifted lower case character

Constraints:

0<=n<=26

Any alphabet (case insensitive)

Code:

c,n=input().strip().split()

n=int(n)

a=divmod(26,n)

c=c.lower()

if((ord(c)+abs(a[0]))>122):

print(chr(ord(c)+abs(a[0])-26),end=" ")

else:

print(chr(ord(c)+abs(a[0])),end=" ")

if((ord(c)+abs(a[1]))>122):

print(chr(ord(c)+abs(a[1])-26),end=" ")

else:

print(chr(ord(c)+abs(a[1])),end=" ")

Test case:

1. c 2 2.A 0 3. Z 2 4. D 13 5. F 23 6. A 26 7. x 20 8. w 7 9. z 26 10. a 1

p c a a m z f d e I b a y d z b a z a a