Python - AVERAGE - PART002

Solved Challenges **0/10**

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Shift Encryption

ID:242 **Solved By 5082 Users**

Anmol wants to encrypt the message M which is to be sent to his business partner Binamol. So he shifts every alphabet by X positions in forward direction and he adds Y to every number in the message.
Given a string value M of the message and the values of X and Y, the program must print the encrypted message E.

- All the alphabets will be in **lower case.**
- Spaces and special characters in the message M should be reproduced as such in the encrypted message E.

Input Format:
First line will contain the string value M
Second line will contain the integer value of X
Third line will contain the integer value of Y

Output Format:
First line will contain the string value of the encrypted message E.

Constraints:
Length of M is from 2 to 100.
0 <= X <= 10
0 <= Y <= 9

Sample Input/Output:

Example 1:
Input:
call me at 10 p.m
2
1

Output:
ecnn og cv 21 r.o

Example 2:
Input:
credit 1 lakh
3
0

Output:
fuhglw 1 odnk

Max Execution Time Limit: 5000 millisecs

Ambiance

Python3 (3.x)

Reset

```
string = input()
X = int(input())
Y = int(input())
n = 0

for char in string:
    if(char!=' '):

        if(ord(char)>=48 and ord(char)<=57):
            print(int(char)+Y,end="")

        elif(ord(char)>=65 and ord(char)<=90):
            if((ord(char)+X)>90):
                print(chr((ord(char)+X)%90 + 64),end="")
            else:
                print(chr((ord(char)+X)),end="")

        elif(ord(char)>=97 and ord(char)<=122):
            if((ord(char)+X)>122):
                print(chr((ord(char)+X)%122 + 96),end="")
            else:
                print(chr((ord(char)+X)),end="")

        else:
            print(char,end="")

    else:
        print(' ',end="")
```

Code did not pass the execution

TestCase ID: 554

Input:

interview rita at 4pm
1
6

Expected Output:

joufswjfx sjub bu 10qn

Your Program Output:

joufswjfx sjub bu 4qn

Save Run

Run with a custom test case (Input/Output)