

2..Encypher secret messaging

```
def caesar_encrypt(realText, step):  
    outText = []  
    cryptText = []  
  
    uppercase = ['A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'I', 'J', 'K', 'L',  
                'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z']  
    lowercase = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j', 'k', 'l',  
                'm', 'n', 'o', 'p', 'q', 'r', 's', 't', 'u', 'v', 'w', 'x', 'y', 'z']  
  
    for eachLetter in realText:  
        if eachLetter in uppercase:  
            index = uppercase.index(eachLetter)  
            crypting = (index + step) % 26  
            cryptText.append(crypting)  
            newLetter = uppercase[crypting]  
            outText.append(newLetter)  
        elif eachLetter in lowercase:  
            index = lowercase.index(eachLetter)  
            crypting = (index + step) % 26  
            cryptText.append(crypting)  
            newLetter = lowercase[crypting]  
            outText.append(newLetter)  
    return outText  
  
code = caesar_encrypt('abc', 2)  
print()  
print(code)
```

```
print()
```
