

Our Solution(s)

Run Code

Solution 1

Solution 2

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 # O(n) time | O(n) space
4 def caesarCipherEncryptor(string, key):
5     newLetters = []
6     newKey = key % 26
7     for letter in string:
8         newLetters.append(getNewLetter(letter, newKey))
9     return "".join(newLetters)
10
11
12 def getNewLetter(letter, key):
13     newLetterCode = ord(letter) + key
14     return chr(newLetterCode) if newLetterCode <= 122 else chr(96
15
```

Our Tests

```
1 # Test 1
2 # Input: string = "abc", key = 1
3 # Output: "bcd"
4
5 # Test 2
6 # Input: string = "abc", key = 26
7 # Output: "abc"
8
9 # Test 3
10 # Input: string = "abc", key = 27
11 # Output: "bcd"
12
13 # Test 4
14 # Input: string = "abc", key = 52
15 # Output: "bcd"
16
17 # Test 5
18 # Input: string = "abc", key = 53
19 # Output: "bcd"
20
```

Your Solutions

Run Code

Solution 1

Solution 2

Solution 3

```
1 def caesarCipherEncryptor(string, key):
2     # Write your code here.
3     pass
4
```

Custom Output

Raw Output

Submit Code

Run or submit code when you're ready.