

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
4
5 // O(n) time | O(n) space
6 func CaesarCipherEncryptor(str string, key int) string {
7     shift, offset := rune(key%26), rune(26)
8     runes := []rune(str)
9     for i, char := range runes {
10         if char >= 'a' && char+shift <= 'z' {
11             char += shift
12         } else {
13             char += shift - offset
14         }
15         runes[i] = char
16     }
17     return string(runes)
18 }
19
```

Solution 1Solution 2Solution 3

```
1 package main
2
3 func CaesarCipherEncryptor(str string, key int) string {
4     // Write your code here.
5     return ""
6 }
7
```

Our Tests

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
4
5 // O(n) time | O(n) space
6 func CaesarCipherEncryptor(str string, key int) string {
7     shift, offset := rune(key%26), rune(26)
8     runes := []rune(str)
9     for i, char := range runes {
10         if char >= 'a' && char+shift <= 'z' {
11             char += shift
12         } else {
13             char += shift - offset
14         }
15         runes[i] = char
16     }
17     return string(runes)
18 }
19
```

Custom Output

Submit Code

```
1 package main
2
3 func CaesarCipherEncryptor(str string, key int) string {
4     // Write your code here.
5     return ""
6 }
7
```

```
1 # Run in JupyterLab Notebook (Python 3)
2 import os
3 import sys
4 import subprocess
5
6 # Run the command
7 subprocess.run(["python", "script.py"])
8
9 # Print the output
10 print("Output: ", end="")
11
12 # Run the command again
13 subprocess.run(["python", "script.py"])
14
15 # Print the output
16 print("Output: ", end="")
17
18 # Run the command again
19 subprocess.run(["python", "script.py"])
20
21 # Print the output
22 print("Output: ", end="")
```

Run or submit code when you're ready.