

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 public class Program {
4     // O(n) time | O(n) space
5     public static string CaesarCypherEncryptor(string str, int key) {
6         char[] newLetters = new char[str.Length];
7         int newKey = key % 26;
8         for (int i = 0; i < str.Length; i++) {
9             newLetters[i] = getNewLetter(str[i], newKey);
10        }
11        return new string(newLetters);
12    }
13
14    public static char getNewLetter(char letter, int key) {
15        int newLetterCode = letter + key;
16        return newLetterCode <=
17            122 ? (char)newLetterCode : (char)(96 + newLetterCode % 122
18    }
19 }
20
```

Solution 1

Solution 2

Solution 3

```
1 public class Program {
2     public static string CaesarCypherEncryptor(string str, int key) {
3         // Write your code here.
4         return null;
5     }
6 }
7
```

Our Tests

Custom Output

Submit Code

```
1 public class Program {
2     // ...
3     public static void Main() {
4         // ...
5     }
6 }
7
```

