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  function caesarCipherEncryptor(string, key) {
5    const newLetters = [];
6    const newKey = key % 26;
7    const alphabet = 'abcdefghijklmnopqrstuvwxyz'.split('');
8    for (const letter of string) {
9      newLetters.push(getNewLetter(letter, newKey, alphabet));
10   }
11   return newLetters.join('');
12 }
13
14 function getNewLetter(letter, key, alphabet) {
15   const newLetterCode = alphabet.indexOf(letter) + key;
16   return newLetterCode <= 25 ? alphabet[newLetterCode] : alphabet[-1 +
17 }
18
19 exports.caesarCipherEncryptor = caesarCipherEncryptor;
20
```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```
1  function caesarCipherEncryptor(string, key) {
2    // Write your code here.
3  }
4
5  // Do not edit the line below.
6  exports.caesarCipherEncryptor = caesarCipherEncryptor;
7
```

Custom Output Submit Code

Run or submit code when you're ready.