Our Solution(s)

Run Code

Your Solutions

Solution 1 Solution 2

Run Code

```
Solution 1 Solution 2
 1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
 3 class Program {
     // O(n) time | O(n) space
4
     public static String caesarCypherEncryptor(String str, int key) {
       char[] newLetters = new char[str.length()];
       int newKey = key % 26;
       String alphabet = "abcdefghijklmnopqrstuvwxyz";
       for (int i = 0; i < str.length(); i++) {</pre>
9
         newLetters[i] = getNewLetter(str.charAt(i), newKey, alphabet);
10
11
12
       return new String(newLetters);
13
14
15
     public static char getNewLetter(char letter, int key, String alphabe
16
       int newLetterCode = alphabet.indexOf(letter) + key;
17
       return newLetterCode <= 25</pre>
18
            ? alphabet.charAt(newLetterCode)
19
            : alphabet.charAt(-1 + newLetterCode % 25);
20
21 }
```

```
class Program {
  public static String caesarCypherEncryptor(String str, int key) {
    // Write your code here.
  return null;
}
}
```

Solution 3

Run or submit code when you're ready.