

```
1 namespace ExercismII
2 {
3     public static class RotacionalCipher
4     {
5         // Funcion que devuelve una cadena de texto codificada.
6         public static string Rotate(string text, int shiftKey)
7         {
8             string result = "";
9             char letter = ' ';
10
11             if (shiftKey == 0)
12                 return text;
13
14             for (int i = 0; i < text.Length; i++)
15             {
16                 if (text[i] > 96 && text[i] < 123)
17                 {
18                     letter = text[i];
19                     letter += (char)shiftKey;
20
21                     if (letter > 122)
22                         letter = (char)(letter - 26);
23
24                     result += letter;
25                 }
26
27                 else if (text[i] > 65 && text[i] < 91)
28                 {
29                     letter = text[i];
30                     letter += (char)shiftKey;
31
32                     if (letter > 91)
33                         letter = (char)(letter - 26);
34
35                     result += letter;
36                 }
37
38                 else
39                 {
40                     letter = text[i];
41                     result += letter;
42                 }
43             }
44             return result;
45         }
46     }
47 }
48
49
```