

**string[,]** Vigenere (string texte, string clef)

```
string[,] matriceCodee = new string[texte.Length, 4]
```

```
for(int cursor = 0; int < texte.Length; i++)
```

```
matriceCodee[cursor, 0] = texte[cursor];
```

if (counterClef <= clef.Length)

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```
matriceCodee[cursor, 1] = clef[CounterClef];  
CounterClef++;
```

```
CounterClef = 0;  
matriceCodee[cursor, 1] = Clef[counterClef];  
CounterClef++;
```

```
matriceCodee[cursor, 2] = (int)matriceCodee[cursor, 1]-65;  
matriceCodee[cursor, 3] = Convert.ToChar((((int)matriceCodee[cursor, 0]-65) + matriceCodee[cursor, 2]) + 65);
```

```
return matriceCodee
```