

# Cesear Cipher

**Question:** Build a ROT13 encryption algorithm. So for example all A's translate into N's, B's translate into O's and vice-versa.

## Solutions:

```
class Solution:
```

```
    def ROT13(message):
```

```
        plaintext = list(message.lower())
```

```
        alphabet = list('abcdefghijklmnopqrstuvwxyz')
```

```
        k = 13
```

```
        cipher = ""
```

```
        for c in plaintext:
```

```
            if c in alphabet:
```

```
                cipher += alphabet[(alphabet.index(c)+k)%(len(alphabet))]
```

```
        print ( 'Your encrypted message is: ' + cipher )
```

```
Solution.ROT13("Hello There Friends!")
```