

Nico Cipher

In **Nico Cipher**, encoding is done by creating a numeric key and assigning each letter position of the message with the provided key.

Create a function that takes two arguments, key and message, and returns the **encoded message**.

There are some variations on the rules of encipherment. One version of the cipher rules are outlined below:

```
message = "mubashirhassan"  
key = "crazy"
```

```
nicoCipher(message, key) → "bmusarhiahass n"
```

Step 1: Assign numbers to sorted letters from the key:

```
"crazy" = 23154
```

Step 2: Assign numbers to the letters of the given message:

```
2 3 1 5 4  
-----  
m u b a s  
h i r h a  
s s a n
```

Step 3: Sort columns as per assigned numbers:

```
1 2 3 4 5  
-----  
b m u s a  
r h i a h  
a s s n
```

Step 4: Return encoded message **Rows-wise**:

```
eMessage = "bmusarhiahass n"
```

Examples

```
NicoCipher("mubashirhassan", "crazy") → "bmusarhiahass n"
```

```
NicoCipher("edabitisamazing", "matt") → "deabtiismaaznig "
```

```
NicoCipher("iloveher", "612345") → "lovehir e"
```

Notes

Keys will have alphabets or numbers only.