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PROBLEM 1: ENCRYPTION : 15.0 POINTS

Next, define the function `applyCoder`, which applies a coder to a string of text.

Test Cases

```
>>> applyCoder("Hello, world!", buildCoder(3))
'Khoor, zruog!'
>>> applyCoder("Khoor, zruog!", buildCoder(23))
'Hello, world!'
```

```
1 import string
2
3 def applyCoder(text, coder):
4     """
5     Applies the coder to the text. Returns the encoded text.
6
7     text: string
8     coder: dict with mappings of characters to shifted characters
9     returns: text after mapping coder chars to original text
10    """
11    ### TODO
12
```

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