

# Problem 5

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## Problem 5

0.0/15.0 points (graded)

Implement a function that meets the specifications below.

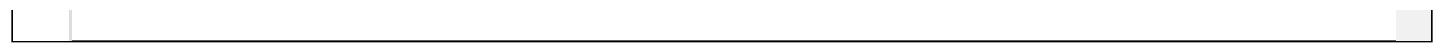
```
def cipher(map_from, map_to, code):
    """ map_from, map_to: strings where each contain
        N unique lowercase letters.
        code: string (assume it only contains letters also in map_from)
        Returns a tuple of (key_code, decoded).
        key_code is a dictionary with N keys mapping str to str where
        each key is a letter in map_from at index i and the corresponding
        value is the letter in map_to at index i.
        decoded is a string that contains the decoded version
        of code using the key_code mapping. """
    # Your code here
```

For example,

- `cipher("abcd", "dcba", "dab")` returns (order of entries in dictionary may not be the same) `({'a': 'd', 'b': 'c', 'd': 'a', 'c': 'b'}, 'adc')`

Paste your entire function, including the definition, in the box below. Do not leave any debugging print statements.

```
1 # Paste your function here
```



Press ESC then TAB or click outside of the code editor to exit