A short, first bit of work with dictionaries...

1 An inversion function

Create a new module, invert.py, for this code. In it, write a small program with two functions:

1. def invert (d): Create a new dictionary, and populate it with the contents from the key/value pairs from the given dictionary d, but with the role of key and value reversed. That is, the new dictionary should have, as its keys, all of the values from d; the new dictionary’s values should be the corresponding keys from d.
   
   If the values in d are not unique—that is, if any value appears more than once in d—then return None as in indication that proper inversion cannot be performed.

2. def main (): Test your invert() function by making a dictionary or two (perhaps one that should be inverted, the other with duplicate values that should fail), calling invert() on each, and printing the results.

2 Submitting your work

Go to the CS submission system to submit your code.

This assignment is due on Friday, Nov-21, 11:59 pm