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Final Exam
Final due Mar 15, 2016 at 23:30 UTC

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Problem 3

Write a function called `dict_invert` that takes in a dictionary with immutable values and returns the inverse of the dictionary. The inverse of a dictionary `d` is another dictionary whose keys are the unique dictionary values in `d`. The value for a key in the inverse dictionary is a **sorted** list of all keys in `d` that have the same value in `d`.

Here are some examples:

- If `d = {1:10, 2:20, 3:30}` then `dict_invert(d)` returns `{10: [1], 20: [2], 30: [3]}`
- If `d = {1:10, 2:20, 3:30, 4:30}` then `dict_invert(d)` returns `{10: [1], 20: [2], 30: [3, 4]}`
- If `d = {4:True, 2:True, 0:True}` then `dict_invert(d)` returns `{True: [0, 2, 4]}`

```
def dict_invert(d):
    '''
    d: dict
    Returns an inverted dictionary according to the
instructions above
    '''
    # Your code here
```

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

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

Unanswered

You have used 0 of 10 submissions

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