

Exercise: biggest

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Finger Exercises due Oct 26, 2022 16:30 PDT

Completed

Exercise: biggest

5.0/5.0 points (graded)

ESTIMATED TIME TO COMPLETE: 7 minutes

Consider the following sequence of expressions:

```
animals = { 'a': ['aardvark'], 'b': ['baboon'], 'c': ['coati']}

animals['d'] = ['donkey']
animals['d'].append('dog')
animals['d'].append('dingo')
```

We want to write some simple procedures that work on dictionaries to return information.

This time, write a procedure, called `biggest`, which returns the key corresponding to the entry with the largest number of values associated with it. If there is more than one such entry, return any one of the matching keys.

Example usage:

```
>>> biggest(animals)
'd'
```

If there are no values in the dictionary, `biggest` should return `None`.

```
1 def biggest(aDict):
2     '''
3     aDict: A dictionary, where all the values are lists.
4
5     returns: The key with the largest number of values associated
6     '''
7     # Your Code Here
8     result = None
9     biggestValue = 0
10    for key in aDict.keys():
11        if len(aDict[key]) >= biggestValue:
12            result = key
13            biggestValue = len(aDict[key])
14    return result
```

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

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Test results

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CORRECT	
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