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## Exercise 1

### Exercise 1

12/12 points (graded)

**ESTIMATED TIME TO COMPLETE: 7 minutes**

**Note that you will have to answer all questions before you can click the Check button.**

Suppose we evaluate the following expressions:

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

```
animals['d'] = 'donkey'
```

We are now going to evaluate a set of expressions, resulting in the following sequence of interactions. Fill in each blank to show what the Python interpreter would print at that point. If an expression below would generate an error, enter 'error'.

1.

```
>>> animals
```

```
{'a': 'aardvark', 'b': 'baboon', 'c': 'coati', 'd': 'donkey'}
```



**Answer:** {'a': 'aardvark', 'b': 'baboon', 'c': 'coati', 'd': 'donkey'}

2.



```
>>> animals['c']
```

✓ Answer: 'coati'

3.

```
>>> animals['donkey']
```

✓ Answer: error

4.

```
>>> len(animals)
```

✓ Answer: 4

5.

```
>>> animals['a'] = 'anteater'
>>> animals['a']
```

✓

Answer: 'anteater'

6.

```
>>> len(animals['a'])
```

✓ Answer: 8

7.

```
>>> 'baboon' in animals
```

✓ Answer: False



8. `>>> 'donkey' in animals.values()`

True

✓ Answer: True

9. `>>> 'b' in animals`

True

✓ Answer: True

10. `>>> animals.keys()`

['a', 'b', 'c', 'd']

✓

Answer: dict\_keys(['a', 'b', 'c', 'd'])

11. `>>> del animals['b']`  
`>>> len(animals)`

3

✓ Answer: 3

12. `>>> animals.values()`

dict\_values(['anteater', 'coati', 'donkey'])

✓

Answer: dict\_values(['anteater', 'coati', 'donkey'])

Enviar

 Answers are displayed within the problem








# Exercise 1

Ocultar discussão

Topic: Lecture 6 / Exercise 1

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	# 1 What am I doing wrong here		3
	Why is #7 baboon in animals False? b in animals is true, does this 'in' only apply to the key label and not to the value elements?	1 new_	4
	name '\unicode\' is not defined when submitting  Community TA	1 new_	42
	The exercise should be more clear, as some before As it has been done before, some exercises clearly stated that the expressions would alter the variab...		2

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