

This exercise reviews some list operations in Python.

On this exercise:

- Correct answers count for 2 points, incorrect answers count zero points.
- You may collaborate with others in answering these questions.

For each question:

- You are given a transcript of a Python Shell session.
- The stuff in **bold** is what the user typed in
- Everything else is what the Python Shell printed in response.
- In each case, there is a blank, \_\_\_\_\_
- Fill in the blank with what the Python Shell would print in response.
- The size of the blank is not necessarily any indication of the size of the answer; if the blank is too small, you may write your answer beside the question.

(1) (2 pts)

```
>>> animals = ['dog', 'cat', 'mouse', 'rat', 'sheep']
>>> animals[2]
_____
>>>
```

(2) (2 pts)

```
>>> fruit = ['apple', 'pear']
>>> fruit.append('orange')
>>> fruit
_____
>>>
```

(3) (2 pts)

```
>>> items = ['milkshake', 'fries', 'burger']
>>> 'burger' in items
_____
>>>
```

(4) (2 pts)

```
>>> items = ['milkshake', 'fries', 'burger']
>>> 'coke' in items
_____
>>>
```

(5) (2 pts)

```
>>> items = ['milkshake', 'fries', 'burger']
>>> items.index('fries')
_____
>>>
```