

# L07 Ponder: Check Your Understanding

**Due** Oct 31 at 7:59am**Points** 9**Questions** 9**Time Limit** None**Allowed Attempts** 3

## Instructions

## Overview

- **Task:** Demonstrate your knowledge of Python lists.
- **Purpose:** This will help you better understand Python lists.

## Instructions

- Complete the following quiz.

[Take the Quiz Again](#)

## Attempt History

	Attempt	Time	Score
LATEST	<a href="#">Attempt 1</a>	6 minutes	9 out of 9

❗ Correct answers are hidden.

Score for this attempt: **9** out of 9

Submitted Oct 26 at 3:20pm

This attempt took 6 minutes.

### Question 1

**1 / 1 pts**

Which of the following Python statements creates a list?

☐ colors = ("yellow", "red", "green", "yellow", "blue")

☒ colors = ["yellow", "red", "green", "yellow", "blue"]

☐ colors = {"yellow", "red", "green", "yellow", "blue"}

☐ None of the above

☐ None of the above**Question 2****1 / 1 pts**

What is the name of the built-in Python function that returns the number of elements in a list?

- ☒ len
- ☐ length
- ☐ count
- ☐ None of the above

**Question 3****1 / 1 pts**

What is the index of the first element in this Python list?

```
colors = ["yellow", "red", "green", "yellow", "blue"]
```

- ☒ 0
- ☐ 1
- ☐ 4
- ☐ 5

**Question 4****1 / 1 pts**

What is the index of the last element in this Python list?

```
colors = ["yellow", "red", "green", "yellow", "blue"]
```

☐ 0

☐ 1

☒ 4

☐ 5

### Question 5

1 / 1 pts

What is the name of the list method that adds an element to the end of a Python list?

☐ add

☒ append

☐ insert

☐ push

### Question 6

1 / 1 pts

What is the name of the list method that inserts an element into a Python list at any index?

☐ add

☐ append

☒ insert

☐ push

### Question 7

1 / 1 pts

Consider this Python list:

```
colors = ["yellow", "red", "green", "yellow", "blue"]
```

What is the name of the list method that will return the first index where "green" is stored in the list?

☐ find

☒ index

☐ position

☐ None of the above

### Question 8

1 / 1 pts

In Python, a number is passed by value into a function.

**Answer 1:**

value

### Question 9

1 / 1 pts

In Python, a list is passed by reference into a function.

**Answer 1:**

reference

Quiz Score: **9** out of 9

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