

09 Ponder: Check Your Understanding

Due Jun 20 at 7:59am

Points 20

Questions 10

Time Limit None

Allowed Attempts 3

Instructions

- **Task:** Predict outcomes for lists in a program.
- **Purpose:** Read a code segment and predict the outcome/output.

Note: You have 3 attempts at this quiz. Your highest score will be kept.

Take the Quiz Again

Attempt History

	Attempt	Time	Score
KEPT	Attempt 2	2 minutes	20 out of 20
LATEST	Attempt 2	2 minutes	20 out of 20
	Attempt 1	20 minutes	18 out of 20

! Correct answers are hidden.

Score for this attempt: **20** out of 20

Submitted Jun 14 at 3:40pm

This attempt took 2 minutes.

Question 1

2 / 2 pts

Which of the following correctly adds an item to the end of a list named my_list?

☐ my_list.add(item)

☒ my_list.append(item)

☐ my_list.insert(item)

☐ add(item, my_list)

☐ `add(item, my_list)`

☐ `append(item, my_list)`

☐ `insert(item, my_list)`

Question 2

2 / 2 pts

Which of the following can be put into a list?

☐ Numbers (ints only)

☐ Numbers (ints and floats)

☐ Strings

☐ Other data types

☒ All of the above

Question 3

2 / 2 pts

Which of the following iterates through the items in a list named `the_list`, in Python?

☒ `for item in the_list:`

☐ `for the_list as item:`

☐ `foreach item in the_list:`

☐ `for i in the_list[items]:`

Question 4

2 / 2 pts

Question 4**2 / 2 pts**

What is the output of the following code?

```
x = 5  
x + 1  
print(x)
```

- ☐ 1
- ☒ 5
- ☐ 6
- ☐ An error occurs

Question 5**2 / 2 pts**

What is the output of the following code?

```
x = 5  
x += 1  
print(x)
```

- ☒ 1
- ☐ 5
- ☐ 6
- ☐ An error occurs

Question 6**2 / 2 pts**

What is the output of the following code?

```
x = 5  
x += 1  
print(x)
```

- ☐ 1
- ☐ 5
- ☒ 6
- ☐ An error occurs

Question 7

2 / 2 pts

Which of the following is the proper way to print the second item in a list named cars?

- ☐ print(cars[0])
- ☒ print(cars[1])
- ☐ print(cars[2])
- ☐ print(cars[i])

Question 8

2 / 2 pts

Which of the following is the best name for a list of phone numbers?

- ☐ phoneNumber

- ☐ phoneNumbers
- ☐ phone_number
- ☒ phone_numbers

Question 9

2 / 2 pts

What is the bug in the following code that attempts to find the largest number in a list?

```
largest = 0
for value in my_list:
    if value < largest:
        largest = value
print(f"The largest is {largest}")
```

- ☐ largest should start at a large number
- ☐ value < largest should be: value <= largest
- ☒ value < largest should be: value > largest
- ☐ the print at the end should print {value} instead of {largest}

Question 10

2 / 2 pts

What is the bug in the following code that attempts to find the smallest value in a list?

```
smallest = 0
for value in my_list:
    if value < smallest:
        smallest = value
print(f"The smallest is {smallest}")
```

- ☒ smallest should start at a large number
- ☐ value < smallest should be: value <= smallest
- ☐ value < smallest should be: value > smallest
- ☐ the print at the end should print {value} instead of {smallest}

Quiz Score: **20** out of 20

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