

## Chapter 8 Quiz

Quiz, 10 questions

1  
point

1.

How are "collection" variables different from normal variables?

- ☒ Collection variables can store multiple values in a single variable
  - ☐ Collection variables merge streams of output into a single stream
  - ☐ Collection variables pull multiple network documents together
  - ☐ Collection variables can only store a single value
- 

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2.

What are the Python keywords used to construct a loop to iterate through a list?

- ☐ def / return
  - ☐ try / except
  - ☐ foreach / in
  - ☒ for / in
- 

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3.

For the following list, how would you print out 'Sally'?

```
1 friends = [ 'Joseph', 'Glenn', 'Sally' ]
```

- ☐ print friends[3]
  - ☐ print(friends[2:1])
  - ☐ print(friends['Sally'])
  - ☒ print(friends[2])
-

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4.  
What would the following Python code print out?

```
1 fruit = 'Banana'
2 fruit[0] = 'b'
3 print(fruit)
```

- ☐ Banana
  - ☐ [0]
  - ☐ banana
  - ☒ Nothing would print - the program fails with a traceback
  - ☐ b
  - ☐ B
- 

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5.  
Which of the following Python statements would print out the length of a list stored in the variable **data**?

- ☒ `print(len(data))`
  - ☐ `print(strlen(data))`
  - ☐ `print(data.Len)`
  - ☐ `print(length(data))`
  - ☐ `print(data.length)`
  - ☐ `print(data.length())`
- 

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6.  
What type of data is produced when you call the **range()** function?

```
1 x = range(5)
```

- ☐ A boolean (true/false) value
- ☒ A list of integers
- ☐

A string

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A list of words

A list of characters

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7.

What does the following Python code print out?

```
1 a = [1, 2, 3]
2 b = [4, 5, 6]
3 c = a + b
4 print(len(c))
```

☒ [1, 2, 3, 4, 5, 6]

☐ [4, 5, 6]

☐ [1, 2, 3]

☐ 6

☐ 21

☐ 15

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8.

Which of the following slicing operations will produce the list [12, 3]?

```
1 t = [9, 41, 12, 3, 74, 15]
```

☐ t[12:3]

☐ t[:]

☐ t[2:4]

☒ t[1:3]

☐ t[2:2]

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9.

What list method adds a new item to the end of an existing list?

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- ☐ add()
- ☐ forward()
- ☒ append()
- ☐ push()
- ☐ index()

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10.

What will the following Python code print out?

```
1 friends = [ 'Joseph', 'Glenn', 'Sally' ]
2 friends.sort()
3 print(friends[0])
```

- ☐ friends
- ☒ Glenn
- ☐ Joseph
- ☐ Sally



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