1. How are "collection" variables different from normal variables? 1 point

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

2. What are the Python keywords used to construct a loop to iterate through a list? 1 point

- def / return
- try / except
- (selected) for / in
- foreach / in

3. For the following list, how would you print out 'Sally'? 1 point

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

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

4. What would the following Python code print out? 1 point

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

- b
- Banana
- (selected) Nothing would print - the program fails with a traceback error
- B
- [0]
- banana

5. Which of the following Python statements would print out the length of a list stored in the variable **data**? 1 point

- print(strlen(data))
- print(length(data))
- print(data.length())
- (selected) print(len(data))
- print(data.length)
- print(data.Len)

6. What type of data is produced when you call the **range()** function? 1 point

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

- (selected) A list of integers
- A list of characters
- A list of words
- A boolean (true/false) value
- A string

7. What does the following Python code print out? 1 point

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

- [1, 2, 3, 4, 5, 6]
- 21
- [1, 2, 3]
- (selected) 6
- 15
- [4, 5, 6]

8. Which of the following slicing operations will produce the list [12, 3]? 1 point

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

- t[2:2]
- t[12:3]
- t[:]
- (selected) t[2:4]
- t[1:3]

9. What list method adds a new item to the end of an existing list? 1 point

- index()
- pop()
- (selected) append()
- forward()
- push()
- add()

10. What will the following Python code print out? 1 point

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

- friends
- (selected) Glenn
- Joseph
- Sally

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