

# Week 4 Quiz

8 Questions

1. Using the 5 point scale below, how difficult did you find assignment one?

- 8/150 ☐ A Very difficult
- 39/150 ☐ B Difficult
- 92/150 ☐ C Appropriate level of difficulty
- 13/150 ☐ D Easy
- 1/150 ☐ E Very easy

i Nice.

2. In Python, if which of the following would allow us to create an end-to-end connection between program running on two different computers?

- 20/152 ☐ A Stream
- 111/152 ☒ B Socket
- 15/152 ☐ C Protocol
- 6/152 ☐ D JSON

3. Which of the following terms is used to describe a language for communicating over networks?

- 81/154 ☒ A Protocol
- 31/154 ☐ B JSON
- 41/154 ☐ C Client/Server
- 1/154 ☐ D Profile

4. 127.0.0.1 or "localhost" are referred to as which of the following?

- 75/155 ☒ A loopback address
- 7/155 ☐ B home address
- 65/155 ☐ C local address
- 8/155 ☐ D default address

5. When programming with sockets in Python, which of the following functions should be called to ensure that all data in a socket has been sent?

23/154 ☐ A close()

5/154 ☐ B write()

114/154 ☒ C flush()

12/154 ☐ D disconnect()

6. In Python, the makefile() function abstracts lower level read and write socket operations?

125/153 ☒ T True

28/153 ☐ F False

7. Which of the following describe a class in Python?

8/154 ☐ A A class packages attributes, data, and other functionality together.

2/154 ☐ B A class creates a new type of object.

0/154 ☐ C A class enables an infinite number of instances of itself to be created.

0/154 ☐ D A class can maintain its own state.

0/154 ☐ E A class exposes data attributes and methods for modifying its state.

82/154 ☒ F All of the above

62/154 ☐ G Only A, B, and C

8. What is the practical difference between a function and a class method?

87/154 ☒ A There is no practical difference.

26/154 ☐ B Methods do not accept parameters.

22/154 ☐ C Methods do not support return values.

19/154 ☐ D Methods can only accept parameters of type string.

**i** A method is a function with one special condition. A method always accepts as a parameter an instance of its containing class.