

# Python Programming

## Chapter 3, Lesson 3 Quiz – “String Formatting”

1. What is the purpose of the first parameter in the `str.format()` function?
  - a. To set up the overall structure of the output, including placeholders for other data
  - b. To specify how many optional parameters are provided
  - c. To hold the first data value that will be inserted into the output string
  - d. To control the overall width of the output
2. If you use the format string "My {} cost {}" in `str.format()`, how many additional data parameters are you expected to provide?
  - a. 2
  - b. 1
  - c. 0
  - d. 3

3. What string value is stored in the result variable by the following statement?

```
result = str.format("{1} {0} is really Superman", "Kent", "Clark")
```

- a. Clark Kent is really Superman
  - b. Kent Clark is really Superman
  - c. {1} {0} is really Superman
  - d. Clark Kent
4. What text is displayed on output by the following statement?

```
print(str.format("#{0:4}#", "dog") )
```

- a. #dog #
- b. #dog#
- c. dog
- d. ##

5. Which of the following placeholders in a `str.format()` format string would display a floating point value, centered in a 15-character wide field?

a. `{0:^15f}`

b. `{15:^f}`

c. `15{0:f}`

d. `{0:15d}`