

# Python Programming

## Chapter 8, Lesson 2 Quiz – “String Functions”

1. Consider the code below, and then select the example (1, 2, 3) that will build a string in the "cost" variable without any errors.

```
cost = str.format("This soda costs ${:.2f}",1.75) # example 1
```

```
costFormat = "This soda costs ${:.2f}" # example 2
```

```
cost = costFormat.format(1.75) # example 2
```

```
cost = "This soda costs ${:.2f}".format(1.75) # example 3
```

- a. All 3 examples will work without errors
  - b. Example 1 only
  - c. Examples 1 and 2 only
  - d. Examples 1 and 3 only
2. Which string function would you call to return the numeric index of the first position of a substring found within a larger string, or -1 if that substring is not found at all?

- a. `str.find()`
- b. `str.index()`
- c. `str.count()`
- d. `str.locate()`

3. What is displayed on the screen when the following code is run?

```
print( str.upper("pizza") )
```

- a. PIZZA
- b. Pizza
- c. pizza
- d. pizZa

4. Which of the following best describes the `str.split()` function?

- a. It returns a list of individual words within a string, using white space as a default separator
- b. It breaks a string in half and returns the first part
- c. It copies an original string value into a new variable
- d. It builds one new string from all of the even-numbered characters and a second string from the odd-numbered characters

5. Given the variable "food" declared below, which of the following expressions will produce a slice containing "PI"?

`food = "PIZZA"`

- a. `food[:2]`
- b. `food[1:2]`
- c. `food[0:1]`
- d. `food(1:2)`