

# Python Programming

## Chapter 6, Lesson 2 Quiz – “List Functions”

1. Which of the following statements will return the number of items in a list named "marbles"?
  - a. `len(marbles)`
  - b. `marbles.length`
  - c. `marbles.size()`
  - d. `size(marbles)`
  
2. Which of the following statements will add a new item to the end of a list named "marbles"?
  - a. `marbles.append("yellow")`
  - b. `marbles.add("yellow")`
  - c. `marbles[] = yellow`
  - d. `marbles.pop("yellow")`
  
3. Which of the following statements will remove all of the items from a list named "marbles"?
  - a. `marbles.clear()`
  - b. `marbles.pop()`
  - c. `marbles.delete()`
  - d. `marbles.remove()`
  
4. Which of the following list functions will NOT work on a tuple?
  - a. `pop()`
  - b. `index()`
  - c. `count()`
  - d. These will all work on a tuple

5. Given the code below, which of the following answers best describes what is stored in the "result" variable?

```
marbles = ["red", "green", "blue"]
```

```
result = "green" in marbles
```

- a. A Boolean "True" value
- b. A string "green" value
- c. An integer 1 value
- d. A small list holding just "green" in one element