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**Python Institute**

**PCEP-30-02**

PCEP – Certified Entry-Level

Python Programmer

**QUESTION: 1**

Insert the correct snippet so that the program produces the expected output.

Expected output:

```
1 | True
```

Code:

```
1 | list = [False, True, "2", 3, 4, 5]
2 | # insert code here
3 | print(b)
```

A. b = 0 not in list

B. b = list[0]

C. b = 0 in list

D. b = False

**Answer(s): A**

**QUESTION: 2**

Assuming that the tuple is a correctly created tuple, the fact that tuples are immutable means that the following instruction:

```
1 | my_tuple[1] = my_tuple[1] + my_tuple[0]
```

A. is illegal

B. may be illegal if the tuple contains strings

C. can be executed if and only if the tuple contains at least two elements

D. is fully correct

**Answer(s): A**

**QUESTION: 3**

What is the expected output of the following code?

```
1 | x = [0, 1, 2]
2 | x.insert(0, 1)
3 | del x[1]
4 | print(sum(x))
```

A. 2

B. 4

C. 5

D. 3

**Answer(s):** B

**QUESTION: 4**

What is the expected output of the following code?

```
1 | list1 = [1, 3]
2 | list2 = list1
3 | list1[0] = 4
4 | print(list2)
```

- A. [1, 3]
- B. [1, 4]
- C. [4, 3]
- D. [1, 3, 4]

**Answer(s):** C

**QUESTION: 5**

What is the expected output of the following code?

```
1 | data = ['Peter', 404, 3.03, 'Wellert', 33.3]
2 | print(data[1:3])
```

- A. ['Peter', 404, 3.03, 'Wellert', 33.3]
- B. None of the above.
- C. [404, 3.03]
- D. ['Peter', 'Wellert']

**Answer(s):** C

**QUESTION: 6**

Take a look at the snippet, and choose the true statements: (Choose two.)

```
1 | nums = [1, 2, 3]
2 | vals = nums
3 | del vals[1:2]
```

- A. nums is longer than vals
- B. nums and vals are of the same length
- C. vals is longer than nums