

Python Programming

Chapter 4, Lesson 3 Quiz – “Logical Operators”

1. Given the following code, under what conditions will "You got me" be printed to the screen?

```
if (expression1):  
    if (expression2):  
        print("You got me")
```

- a. Both expression1 and expression2 evaluate to True
 - b. Both expression1 and expression2 evaluate to False
 - c. expression1 is True and expression2 is False
 - d. expression1 is False and expression2 is True
2. What do we call operators that join together two or more logical expressions?
- a. Logical operators
 - b. Conjunction operators
 - c. Concatenation operators
 - d. Glue operators
3. Which of the following describes the result of using the "or" operator to join two expressions?
- a. True if either expression is True, or False otherwise
 - b. True if both expressions are true, or False otherwise
 - c. True if neither expression is True, or False if both expressions are True
 - d. None of these is correct
4. Which of the following operators will produce a True result only if both joined expressions are True?
- a. and
 - b. or
 - c. not
 - d. !=

5. What will be printed to the screen when the following code is run?

```
favoriteColor = "blue"  
if (favoriteColor != "blue"):  
    print("Orange crush")  
else:  
    print("True blue")
```

- a. True blue
- b. Orange crush
- c. favoriteColor
- d. Impossible to tell from the information given