<table>
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<th>Total points:</th>
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| 1/1 | True/False: Python is an interpreted language, because it reads a high level program and executes it a little bit at a time (as opposed to translating it completely before the program starts running).  
- ○ True  
- ○ False  

Correct  
Answer: True |
| 1/1 | True/False: Formal languages are designed to be unambiguous, unlike natural languages.  
- ○ True  
- ○ False  

Correct  
Answer: True |
| 1/1 | Suppose you write a Python program that executes successfully (no error messages are displayed), but outputs an incorrect result. What sort of error have you encountered?  
- ○ A syntax error  
- ○ A runtime error  
- ○ A semantic error |
Correct
Answer: A semantic error

1/1 What value does the Python expression $3 + 5 / 2$ evaluate to?

- 5
- 4
- 5.5

Correct
Answer: 5

1/1 What type does the Python expression '10' + '5' evaluate to?

- A string
- An integer
- A float
- Evaluating the expression produces an error

Correct
Answer: A string

2/2 Suppose that the variables a, b, and c have been assigned to arbitrary values. Write a sequence of Python statements that re-assigns a to b's initial value, b to c's initial value, and c to a's initial value. Submit your statements in the answer box below.

To test your answer, insert your statements into the following Python program, and compare the output to what is provided:

Example Code:

```python
a = 1
b = 2
c = 3
# Insert your statements here
print a
print b
print c
```
Expected Output:

2
3
1

Be sure that your answer works for any value of a, b or c, not just the example values in the code above. In other words, your statements should not mention the numbers 1, 2 or 3; they should merely mention variables.

Hint: You will need to define at least one additional variable.

```
temp = a
a = b
b = c
c = temp
```

Correct Answer:

```
a_initial = a
a = b
b = c
c = a_initial
```

Questions or Comments?
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