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**Python 3: The Python Environment  
Lesson 2, Quiz 2**

Handed in: 2 Jun 2015 03:40:33PM Graded: 4 Jun 2015 10:40:25PM

**Question 1:**

What is masking?

**Your Answer:**

Masking involves over-writing inherited methods either by accident or intentionally when instantiating a class

**Mentor Comments:**

*none*

**Question 2:**

What do the getattr, hasattr, and setattr functions do?

**Your Answer:**

hasattr is a function that will allow you to check if the class instance already has the attribute you're trying to set

setattr is a function that will allow you to set the attribute of a class instance, but is usually used in conjunction with hasattr (which you can have throw an exception) to prevent overwriting certain attributes

getattr will search through the self.\_\_dict\_\_ for the specified attribute and return the value if it exists

**Mentor Comments:**

*none*

**Question 3:**

What is critical in creating an API?

**Your Answer:**

The documentation should be full and complete, otherwise other programmers may not know how to use your program.

**Mentor Comments:**

*none*

**Question 4:**

In "class Monty(Cleese, Chapman, Idle, Palin)" which inherited class has precedence?

1. Chapman
2. Idle
3. Palin
4. None of the above.

**Your Answer:**

1. Chapman since it is the next-leftmost parent to Cleese.

**Mentor Comments:**

MRO is left to right. Chapman is not a good answer.

**Overall Comments:**

Q4 has a better answer.

-Kirby

**Grade:**

Try Again

Your instructor would like you to work on this quiz. Be sure to hand in your corrections!

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