← Back **Quiz-Ungraded Lab Python Classes Sandbox**
Practice Quiz • 30 min • 5 total points

English

✓ Congratulations! You passed!

Grade received 100% **To pass** 80% or higher

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1. Which of these is an example of instantiating a Python object? **1 / 1 point**

○ class Fighter():

● fighter = Fighter()

○ def punch():

○ print(fighter)

✓ **Correct**
Correct. This creates a Fighter object by calling the Fighter class.

2. What allows a Python class to inherit attributes and behaviors? **1 / 1 point**

○ The self parameter

● The parentheses after the class name

○ The init method

○ The super function

✓ **Correct**
Yes, by putting the parent class name in parentheses a child class can inherit from it.

3. Which decorator allows creating read-only attributes? **1 / 1 point**

○ @method

○ @inherit

● @property

○ @attribute

✓ **Correct**
Correct. @property creates a read-only attribute.

4. What allows a child class to call a parent method directly? **1 / 1 point**

● The super function

○ The self parameter

○ The init method

○ The inherit function

✓ **Correct**
Correct. Super explicitly calls the parent class method.

5. Why might name mangling with double underscores be used? **1 / 1 point**

● To avoid name clashes with subclasses

○ To make methods private

○ To call superclass constructors

○ To inherit built-in Python methods

✓ **Correct**
Correct. Name mangling avoids conflicts between class variable names.

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