

✓ 1.00/1.00 points

Which came first, the instance or the class?



class

**Correct**



instance

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In Object Oriented Programming, what is another name for the attributes of an object?

- ☐ portions
- ☐ methods
- ☐ forms
- ☐ messages
- ☒ fields

Correct

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Which of the following is NOT a good synonym for "class" in Python?

- ☐ pattern
- ☒ direction

**Correct**

- ☐ template
- ☐ blueprint

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What does this Python statement do if PartyAnimal is a class?

```
zap = PartyAnimal()
```

- ☒ Use the PartyAnimal template to make a new object and assign it to zap

Correct

- ☐ Copy the value from the PartyAnimal variable to the variable zap
- ☐ Clear out all the data in the PartyAnimal variable and put the old values for the data in zap
- ☐ Subtract the value of the zap variable from the value in the PartyAnimal variable and put the difference in zap

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What is the syntax to look up the fullname attribute in an object stored in the variable colleen?

- ☐ \$colleen->\$fullname
- ☐ \$colleen::fullname
- ☒ colleen.fullname

**Correct**

- ☐ \$colleen["fullname"]
- ☐ \$colleen->fullname

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Which of the following statements are used to indicate that class A will inherit all the features of class B?

- ☐ class A extends B:
- ☐ class A instanceof B;
- ☒ class A(B):

Correct

- ☐ class A inherits B:

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What is "self" typically used for in a Python method within a class?



To refer to the instance in which the method is being called

Correct



To retrieve the number of parameters to the method



To set the residual value in an expression where the method is used



To terminate a loop



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What does the Python `dir()` function show when we pass an object into it as a parameter?

- ☐ It shows the parent class
- ☐ It shows the number of parameters to the constructor
- ☐ It shows the type of the object
- ☒ It shows the methods and attributes of an object

Correct



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Which of the following is rarely used in Object Oriented Programming?

- ☐ Constructor
- ☐ Method
- ☐ Attribute
- ☐ Inheritance
- ☒ Destructor

Correct