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Welcome Yuzhan Jiang from SI 664 001 WN 2022

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1. ✓ Which came first, the instance or the class?

☐ method

☐ instance

☐ function

☒ class

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

☒ fields

☐ methods

☐ messages

☐ forms

☐ portions

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

☐ blueprint

☐ template

☐ pattern

☒ direction

4. ✓

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

```
zap = PartyAnimal()
```

- ☐ Subtract the value of the zap variable from the value in the PartyAnimal variable and put the difference in zap
 - ☐ 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
 - ☒ Use the PartyAnimal template to make a new object and assign it to zap
5. ✓ What is the syntax to look up the fullname attribute in an object stored in the variable colleen?
- ☒ colleen.fullname
 - ☐ \$colleen->fullname
 - ☐ \$colleen->\$fullname
 - ☐ \$colleen::fullname
 - ☐ \$colleen["fullname"]
6. ✓ Which of the following statements are used to indicate that class A will inherit all the features of class B?
- ☐ class A inherits B:
 - ☐ class A extends B:
 - ☐ class A instanceof B;
 - ☒ class A(B):
7. ✓ What is "self" typically used in a Python method within a class?
- ☐ To set the residual value in an expression where the method is used
 - ☐ To retrieve the number of parameters to the method
 - ☐ To terminate a loop
 - ☒ To refer to the instance in which the method is being called
8. ✓ What does the Python dir() function show when we pass an object into it as a parameter?
- ☐ It shows the type of the object
 - ☐ It shows the number of parameters to the constructor

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Done ☐ It shows the parent class

☒ It shows the methods and attributed of an object



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

☒ Destructor

☐ Constructor

☐ Attribute

☐ Inheritance

☐ Method