First Steps in OOP

Theory test for first steps in Python OOP

Total points 6/6

✓ **What is a class in Python?** *   1/1

○ A sequence of instructions that performs a specific task

◉ A collection of related data and methods   ✓

○ A reserved word used to define a function

○ A variable that holds a single value

✓ **What is a method in Python?** *   1/1

○ A function that returns a value

○ A reserved word used to define a variable

◉ A function defined within a class   ✓

○ A keyword used to create an object

✓ Which of the following is a valid way to create a class in Python? *   1/1

○ def MyClass():

◉ class MyClass():   ✓

○ MyClass = class():

○ MyClass = def()

✓ What is the purpose of the **init** method in a Python class? *   1/1

○ To create a new instance of the class

○ To define the class attributes

◉ To assign values to the data members of the class when an object of the class ✓
   is created

○ To define the methods of the class

✓ What is an instance in Python? *   1/1

○ A method that returns a value

○ A keyword used to create a class

◉ A specific object created from a class   ✓

○ A reserved word used to define a variable

✓   What's the result of the following code? *   1/1

```
class Person:
    def __init__(self, name):
        self.name = name

person1 = Person("Ivona")
person2 = Person("Diyan")

print(person1.name)
```

◉ Ivona   ✓

○ Diyan

○ Error

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