ANDY FORDJOUR

1. Describe the difference between a class and an object.

Answer: Class is a blueprint or template from which objects are created whiles Object is an instance of a class.

1. What is a class made up of?

Answer: Attributes and methods

1. What is a UML diagram and how is it used?

Answer: UML (Unified Modeling Language) is the industry   
standard used to describe the classes and objects of an   
object-oriented application.  
 A UML class diagram describes the attributes and   
methods of that particular class.

1. What is a constructor? Give an example.

Answer: constructor is a special function that sets the initial values of an object's variables

Def \_\_init\_\_(self):

self.name = “”

self.price = 0.0

1. What is encapsulation?

Answer: The process of providing a public interface, while hiding

the implementation details

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