Q1. What is the purpose of Python's OOP?

* The concept of OOP in Python focuses on creating reusable code

Q2. Where does an inheritance search look for an attribute?

* In the parent class.

Q3. How do you distinguish between a class object and an instance object?

* A class is a blueprint while an object is the copy based on the class

Q4. What makes the first argument in a class’s method function special?

* It acts as pointer for the class

Q5. What is the purpose of the \_\_init\_\_ method?

* Lets the class initialize the object's attributes

Q6. What is the process for creating a class instance?

* Call ClassName() to create a new instance of the class ClassName . To pass parameters to the class instance, the class must have an \_\_init\_\_() method. Pass the parameters in the constructor of the class.

Q7. What is the process for creating a class?

* An object of class is created by calling constructor of the corresponding class through a new operator.
* It is mainly created in three steps: Declaration, Instantiation, and Initialization.
* In declaration, we simply define a variable with an object type

Q8. How would you define the superclasses of a class?

* A superclass is the class from which many subclasses can be created. The subclasses inherit the characteristics of a superclass.