1. What is the concept of an abstract superclass?

Abstract superclass is a blueprint class that cannot be directly used to create objects. It defines common features that subclasses must implement while providing their own unique functionality.

2. What happens when a class statement's top level contains a basic assignment statement?

when a class statement includes a basic assignment, it creates a shared attribute accessible by both the class and its instances.

3. Why does a class need to manually call a superclass's \_\_init\_\_ method?

A class needs to call the superclass \_\_init\_\_ method to ensure that the superclass's initial setup is completed before adding any specific customization in subclass.

4. How can you augment, instead of completely replacing, an inherited method?

5. How is the local scope of a class different from that of a function?

The local scope of a class is accessible by its methods and attributes, while the local scope of a function is limited to the function itself.