Q1. What is the meaning of multiple inheritance?

Multiple inheritance means that a subclass can inherit from two or more superclasses.

Q2. What is the concept of delegation?

Delegation is a design pattern in which an object, called the delegate, is responsible for performing certain tasks on behalf of another object, called the delegator. This can be done by the delegator forwarding method calls and attribute access to the delegate

Q3. What is the concept of composition?

Composition is a concept that models a has a relationship. It enables creating complex types by combining objects of other types. This means that a class Composite can contain an object of another class Component . This relationship means that a Composite has a Component .

Q4. What are bound methods and how do we use them?

The Bound methods are the methods defined in a class. The bound methods are bound to the class in which they are defined. They take an instance of their class along with the other arguments as its parameters. Bound methods differ from the other unbound methods in their first parameter.

Q5. What is the purpose of pseudoprivate attributes?

This trick can avoid potential name collisions in the instance, but note that it does not amount to true privacy. If you know the name of the enclosing class, you can still access either of these attributes anywhere you have a reference to the instance by using the fully expanded name