

## **Chapter 11: Inheritance & More on Object-Oriented Programming**

1. What is inheritance in Python and how is it useful? Provide an example.
2. What are the types of inheritance in Python? Provide examples for each type.
3. What is the purpose of the `super()` method in Python inheritance?
4. Explain class methods and how they differ from instance methods. Provide an example.
5. What is operator overloading in Python? Demonstrate with examples.