

## **types of inheritance?**

- 1- Single Inheritance: A class can inherit properties and behaviors from only one superclass, Example: Class B inherits from Class A.**
- 2- Multiple Inheritance: A class can inherit properties and behaviors from more than one superclass, Example: Class C inherits from both Class A and Class B.**
- 3- Multilevel Inheritance: Involves a chain of inheritance where a derived class serves as the base class for another class, Example: Class C inherits from Class B, which in turn inherits from Class A.**
- 4- Hierarchical Inheritance: Involves multiple classes inheriting from a single base class, Example: Classes B and C both inherit from Class A.**