QUIZ 6

1. **Describe the inheritance as OOP concept. What is single inheritance?**

2. **Describe the inheritance as OOP concept. What is direct inheritance?**

- Software reusability
- Create new class from existing class
  - Absorb existing class's data and behaviors
  - Enhance with new capabilities
  - "is-a" releationship
  - Every object of derived class also object of base class
  - Can access non-**private** members of base class
  - Base class; supply data/behaviors to other classes
  - Derived class; inherit data/behaviors from other classes
  - Single inheritance; inherits from one base class
  - Direct base class; inherited explicitly (one level up hierarchy)