

1. The has-a's function is used to minimize the duplication of codes and it is used to reference one instance in a class to another class, or within its own class with different instances, and has-a is a composition. While is-a is an inheritance, is-a relationship occurs when one class inherits another class's attributes.
2. Both method is available to the object in a derived class.
3. The abstract method does not have any implementation, but it only exists when itself is declared, the abstract method can override other abstract methods and methods of any kind, except for methods that are declared as final.
4. The abstract class allows subclasses to implement an override while an interface defines functions and not implementations.
  6. a) The method type is abstract and public
  - b) Wo is the interface
  - c) doThat() is within in Roo because of the methods, the interface has to be defined in that exact method's class.
  - d) doThis(), doNow(), and doThat() is available.
  - e) The doThis() implementation in Roo overrides the doThis() in Bo.
  - f) Super(1) in Roo implements the value 1 to the x variable in Bo.
  - g) Yes, the doThis() method in Bo is able to converse with an Roo object, if the Roo object refers to an Bo object.
  - h) Yes, the Roo method can use the doThis() method and call on them within Bo, by using super.