

1. An IS-A relationship is inheritance. The classes which inherit are known as subclasses or child classes. On the other hand, the HAS-A relationship is composition.
4. An abstract class allows you to create functionality that subclasses can implement or override. An interface only allows you to define functionality, not implement it.
6.
  - a) public and abstract
  - b) interface
  - c) the method of an interface must be defined in the class that implements the method's interface
  - d) doThis(), doNow(), doThat()
  - e) override
  - f) assign the value 1 to the variable x from Bo
  - g) Yes If the Roo object references a Bo object
  - h) yes by using the keyword super