

Chapter 8 Critical Thinking Questions

- 1 Explain the difference between a has-a and is-a relationship among classes.
- 2 If a base class has a public method `go()` and a derived class has a public method `stop()`, which method would be available to an object of the derived class.
- 3 Compare and contrast implementing an abstract method to overriding a method.
- 4 Compare and contrast an abstract class to an interface.
- 6 use the following classes to answer the questions below:

E How does the implementation of `doThis()` in `Roo` affect the implementation of `doThis()` in `Bo`?

F What action does the statement `super(1)` in `Roo` perform?

G Can the `doThis()` method in `Bo` be called from a `Roo` object? If so, how?

H Can a method in `Roo` call the `doThis()` method in `Bo`? If so, how?