

1. A has- a relationship represents composition, while an is-a relationship represents inheritance

2. Go () and stop ()

3. Implementing an abstract method provides an explanation provides a required implementation, while overriding provides an optional modified implementation

4. Abstract classes can have a state and behaviour, while interfaces primarily have state and behaviour , while interfaces primarily define behavior contracts.

5. compareTo(T o)

6a. Abstract method

6b. Interface

6c. To fulfill the contract specified by the wo interface

6d. doThis, doNow, doThat

6e. It sets the value of the private variable x in Bo to 1

6f. Roo can access Bo's private members only through inherited public or protected methods.

6g. Yes

6e. no