```java
class HillStations {
    public void location() {
        System.out.println("Location of hill station");
    }
    public void famousFor() {
        System.out.println("Famous for something");
    }
}
class Manali extends HillStations {
    @Override
    public void location() {
        System.out.println("Manali is located in Himachal Pradesh.");
    }
    @Override
    public void famousFor() {
        System.out.println("Manali is famous for its scenic beauty and adventure sports.");
    }
}
class Mussoorie extends HillStations {
    @Override
    public void location() {
        System.out.println("Mussoorie is located in Uttarakhand.");
    }
    @Override
    public void famousFor() {
        System.out.println("Mussoorie is famous for its lush green hills and waterfalls.");
    }
}
```

```java
class Gulmarg extends HillStations {
    @Override
    public void location() {
        System.out.println("Gulmarg is located in Jammu and Kashmir.");
    }
    @Override
    public void famousFor() {
        System.out.println("Gulmarg is famous for its skiing resorts and scenic beauty.");
    }
}
public class Main {
    public static void main(String[] args) {
        HillStations hill1 = new Manali();
        hill1.location();
        hill1.famousFor();
        System.out.println();
        HillStations hill2 = new Mussoorie();
        hill2.location();
        hill2.famousFor();
        System.out.println();
        HillStations hill3 = new Gulmarg();
        hill3.location();
        hill3.famousFor();
    }
}
```

Question 1 Output -

Manali is located in Himachal Pradesh.

Manali is famous for its scenic beauty and adventure sports.

Mussoorie is located in Uttarakhand.

Mussoorie is famous for its lush green hills and waterfalls.

Gulmarg is located in Jammu and Kashmir.

Gulmarg is famous for its skiing resorts and scenic beauty.

```java
class Animal {
  public void makeSound() {
    System.out.println("The animal makes a sound.");
  }
}
class Dog extends Animal {
  @Override
  public void makeSound() {
    System.out.println("The dog barks.");
  }
}
class Cat extends Animal {
  @Override
  public void makeSound() {
    System.out.println("The cat meows.");
  }
}
public class Main {
  public static void main(String[] args) {
    Animal genericAnimal = new Animal();
    genericAnimal.makeSound();
    System.out.println();
    Animal dog = new Dog();
    dog.makeSound();
    System.out.println();
    Animal cat = new Cat();
    cat.makeSound();
  }
}
```

Question 2 Output -

The animal makes a sound.

The dog barks.

The cat meows.