public class Cat {

private int mood = 50;

private int hungry = 50;

private int energy = 50;

public void sleep() {

System.out.println("Sleep ...");

energy++;

hungry++;

}

public void play() {

System.out.println("Play ...");

mood++;

energy--;

meow();

}

public void feed() {

System.out.println("Feed ...");

hungry--;

mood++;

meow();

}

private void meow() {

System.out.println("Meow!");

}

public int getMood() {

return mood;

}

public int getHungry() {

return hungry;

}

public int getEnergy() {

return energy;

}

}

public static void main(String[] args) {

Cat cat = new Cat();

cat.feed();

cat.play();

cat.feed();

cat.sleep();

System.out.println("Energy: " + cat.getEnergy());

System.out.println("Mood: " + cat.getMood());

System.out.println("Hungry: " + cat.getHungry());

}

}