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import java.util.*;

/**
 * Title      : TestingMonsters.java
 * Description: This class is the test class for Monsters.
 * @author   Laurissa Tokarchuk
 * @version  1.0
 * @author   Paula Fonseca
 * @version  1.1
 */
public class TestingMonsters {
    public static void main(String[] args) {
        ArrayList<Monster> monsters = new ArrayList<Monster>();

        monsters.add(new Monster("Tom"));
        monsters.add(new Monster("George"));

        monsters.add(new Dragon("Smaug"));
        monsters.add(new Dragon("Jabosh"));

        monsters.add(new Troll("Salomon"));
        monsters.add(new Troll("Bender"));

        int damageDone = 0;
        while (damageDone < 100) {
            for (Monster m : monsters) {
                m.move((int)(Math.random()*4) + 1);
                damageDone += m.attack();
            }
        }
    }
}

```