Show the output of the following program.

```
abstract class Furniture { abstract void prnt();}
class Recliner extends Furniture {

    void prnt() { System.out.println("I'm a recliner");}

}
class LaZBoy extends Recliner {

    void prnt() { System.out.println("I'm a lazboy");}

}
public class furnitureTest2 {

    public static void main(String[] args) {

        Furniture [] A = { new Recliner(), new Recliner(), new LaZBoy()};

        for (int i=0; i<3; ++i)

            A[i].prnt();

    }

}
```

Show the output of the following program.

```
class A { int x = 1; }

class B extends A { }

class C extends B { int x = 2;}

public class classTest {
    public static void main(String[] args) {
        A w = new A(); System.out.println(w.x);
        B u = new B(); System.out.println(u.x);
        C v = new C(); System.out.println(v.x);
        A [] a = { new A(), new B(), new C()};
        for (int i=0; i<3; ++i)
            System.out.println(a[i].x);
    }
}
```