class ClassA {

private int aValue;

public ClassA(int aValue) {

this.aValue = aValue;

System.out.println("ClassA constructor called: aValue = " + aValue);

}

public ClassA(ClassA other) {

this.aValue = other.aValue;

}

public int getAValue() {

return aValue;

}

public void setAValue(int aValue) {

this.aValue = aValue;

}

}

class ClassB extends ClassA {

protected int bValue;

protected ClassB(int aValue, int bValue) {

super(aValue);

this.bValue = bValue;

System.out.println("ClassB constructor called: bValue = " + bValue);

}

public ClassB(ClassB other) {

super(other);

this.bValue = other.bValue;

}

}

class ClassC extends ClassB {

public int cValue;

public ClassC(int aValue, int bValue, int cValue) {

super(aValue, bValue);

this.cValue = cValue;

System.out.println("ClassC constructor called: cValue = " + cValue);

}

public ClassC(ClassC other) {

super(other);

this.cValue = other.cValue;

}

public synchronized void displayValues() {

System.out.println("aValue = " + getAValue());

System.out.println("bValue = " + bValue);

System.out.println("cValue = " + cValue);

}

}

public class Main {

public static void main(String[] args) {

ClassC obj1 = new ClassC(10, 20, 30);

obj1.displayValues();

ClassC obj2 = new ClassC(obj1);

obj2.displayValues();

}

}

