Homework 2

Test Case 1 - Passed

Input

Headphone was created using the following java code

```
Color magenta = Color.magenta;
Headphone headphone1 = new Headphone(LOW, true, "Bose", magenta, "BO-526");
```

Volume: Low
Is plugged in: true
manufacturer: Bose
model: BO-526
color: magenta

Expected Output

```
Model: B0-526
Volume: 1
Color: java.awt.Color[r=255,g=0,b=255]
Plugged In?: Yes

Manufacturer: Bose
Model: B0-526
Volume: 2
Color: java.awt.Color[r=255,g=0,b=255]
Plugged In?: Yes
```

Actual Output

```
Model: B0-526

Volume: 1

Color: java.awt.Color[r=255,g=0,b=255]

Plugged In?: Yes

Manufacturer: Bose
Model: B0-526
```

```
Volume: 2
Color: java.awt.Color[r=255,g=0,b=255]
Plugged In?: Yes
```

Screenshot

```
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  Project
  ▼ HeadPhoner ~/IdeaProjects/HeadPhoner
                                                                                                   TestHeadphone
  ▶ ■ out
                                                                             public class TestHeadphone {
    public static void main(String args[]) {
        Color magenta = Color.magenta;
        Color blue = Color.blue;
        final int LOW = 1;
        final int HIGH = 3;
        Headphone headphone1 = new Headphone(LO Headphone headphone2 = new Headphone(LO Headphone headphone3 = new Headphone();
        testHeadphone (headphone3 = new Headphone();
        testHeadphone (headphone3, HIGH);
        testHeadphone(headphone3, HIGH);
        testHeadphone.tost-tost-ing()
        public static void testHeadphone(Headphone System.out.println(headphone.tostring() headphone.changeVolume(volume);
        System.out.println(headphone.tostring()

@Created by andrewkim on 10/1/17.

                © 6 Headphone
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            HeadPhoner.iml
  External Libraries
                                                                                                        Headphone headphone1 = new Headphone(LOW, pluggedin: true, manufacturer: "Bose", magenta, headphoneModel: "B0-526");
Headphone headphone2 = new Headphone(HIGH, pluggedin: false, manufacturer: "Bose", blue, headPhoneModel: "B0-556");
Headphone headphone3 = new Headphone();
                                                                                                        public static void testHeadphone(Headphone headphone, int volume){
    System.out.println(headphone.toString());
    headphone.changeVolume(volume);
    System.out.println(headphone.toString());
TestHeadphone

/Library/Java/JavaVirtualMachines/jdk1.8.0_121.jdk/Contents/Home/bin/java ...

Manufacturer: Bose
Model: B0-526
Wolume: 1
Color: java.awt.Color[r=255,g=0,b=255]
Plugged In?: Yes
                                                                                                                                                                                                                                                                                                                                        - ±
 Manufacturer: Bose
Model: B0-526
Volume: 2
Color: java.awt.Color[r=255,g=0,b=255]
Plugged In?: Yes

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```

Test Case 2 - Passed

Input

Headphone was created using the following java code

```
Color blue = Color.blue;
Headphone headphone2 = new Headphone(HIGH, false, "Bose", blue, "BO-556");
```

Volume: High

Is plugged in: false

manufacturer: Bose

model: BO-556

· color: blue

Expected Output

```
Manufacturer: Bose
Model: B0-556
Volume: 3
Color: java.awt.Color[r=0,g=0,b=255]
Plugged In?: No

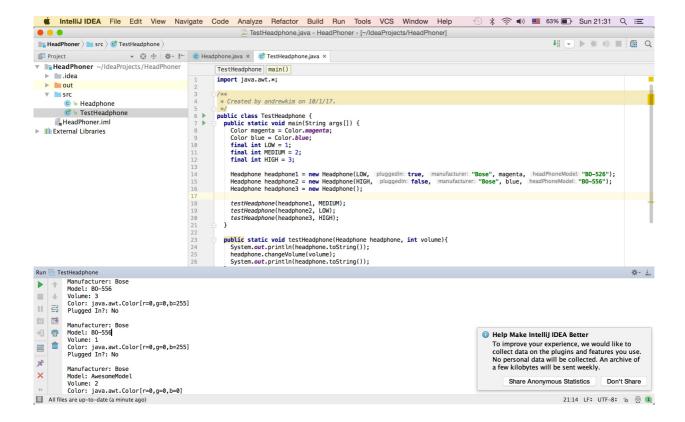
Manufacturer: Bose
Model: B0-556
Volume: 1
Color: java.awt.Color[r=0,g=0,b=255]
Plugged In?: No
```

Actual Output

```
Manufacturer: Bose
Model: B0-556
Volume: 3
Color: java.awt.Color[r=0,g=0,b=255]
Plugged In?: No

Manufacturer: Bose
Model: B0-556
Volume: 1
Color: java.awt.Color[r=0,g=0,b=255]
Plugged In?: No
```

Screenshot



Test Case 3 - Passed

Input

Headphone was created using the following java code

```
Headphone headphone3 = new Headphone();
```

No inputs were used to test default scenarios

Expected Output

```
Manufacturer: Bose
Model: AwesomeModel
Volume: 2
Color: java.awt.Color[r=0,g=0,b=0]
Plugged In?: No

Manufacturer: Bose
Model: AwesomeModel
Volume: 3
Color: java.awt.Color[r=0,g=0,b=0]
Plugged In?: No
```

Actual Output

```
Manufacturer: Bose
Model: AwesomeModel
Volume: 2
Color: java.awt.Color[r=0,g=0,b=0]
Plugged In?: No

Manufacturer: Bose
Model: AwesomeModel
Volume: 3
Color: java.awt.Color[r=0,g=0,b=0]
Plugged In?: No
```

Screenshot

```
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out
                                                                                                                                                               /**
* Created by andrewkim on 10/1/17.
          ▼ 🖿 src
                                                                                                                     ## Created by andrewkim on 10/1/17.

| public class TestHeadphone {
| public static void main(String args[]) {
| Color magenta = Color.magenta;
| Color blue = Color.blue;
| final int LOW = 1;
| final int LOW = 1;
| final int HCDIUM = 2;
| final int HCDIUM = 2;
| final int HCDIUM = 2;
| final int HCDIUM = 1;
| final i
                         © % Headphone
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                    HeadPhoner.iml
                                                                                                                                                                               Headphone headphone2 = new Headphone(HIGH, pluggedin: true, manufacturer: "Bose", magenta, headPhoneModel: "B0-556"); Headphone headphone2 = new Headphone(); pluggedin: false, manufacturer: "Bose", blue, headPhoneModel: "B0-556"); Headphone3 = new Headphone();
                                                                                                                                                                         public static void testHeadphone(Headphone headphone, int volume){
   System.out.println(headphone.toString());
   headphone.changevolume(volume);
   System.out.println(headphone.toString());
  Run 🛅 TestHeadphone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       $- <u>↓</u>
Manufacturer: Bose
Model: AwesomeModel
Volume: 2
Color: java.awt.Color[r=0,g=0,b=0]
Plugged In?: No
 Manufacturer: Bose
Model: AwesomeModel
Volume: 3
Color: java.awt.Color[r=0,g=0,b=0]
Plugged In?: No

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