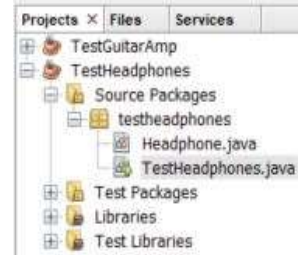


variables/methods	data set	Expected Output	Actual Output	Pass?
volume pluggedIn manufacturer headPhoneColor headPhoneModel toString volume change	MEDIUM FALSE Beyerdynamic BLACK DT 770 PRO (all of the values above) HIGH	volume: 2 plugged in: false manufacturer: Beyerdynamic color: BLACK model: DT 770 Pro volume= 2 pluggedIn= false manufacturer= Beyerdynamic headPhoneColor=BLACK headPhoneModel= DT 770 Pro volume change: 3	volume: 2 plugged in: false manufacturer: Beyerdynamic color: BLACK model: DT 770 Pro volume= 2 pluggedIn= false manufacturer= Beyerdynamic headPhoneColor= java.awt.Color[r=0,g=0,b=0] headPhoneModel= DT 770 Pro volume change: 3	Yes Yes Yes Yes Yes Yes Yes Yes
volume pluggedIn manufacturer headPhoneColor headPhoneModel toString volume change	LOW TRUE Sony RED MDR-XB650BT (all of the above) MEDIUM	volume: 1 plugged in: true manufacturer: Sony color: RED model: MDR-XB650BT volume= 1 pluggedIn= true manufacturer= Sony headPhoneColor= RED headPhoneModel= MDR-XB650BT volume change: 2	volume: 1 plugged in: true manufacturer: Sony color: RED model: MDR-XB650BT volume= 1 pluggedIn= true manufacturer= Sony headPhoneColor= java.awt.Color[r=255,g=0,b=0] headPhoneModel= MDR-XB650BT volume change: 2	Yes Yes Yes Yes Yes Yes Yes Yes
volume pluggedIn manufacturer headPhoneColor headPhoneModel toString volume change	HIGH TRUE AudioTechnica BLUE ATH-M50xBB (all of the above) LOW	volume: 3 plugged in: true manufacturer: AudioTechnica color: BLUE model: ATH-M50xBB volume= 3 pluggedIn= true manufacturer= AudioTechnica headPhoneColor=BLUE headPhoneModel= ATH-M50xBB volume change: 1	volume: 3 plugged in: true manufacturer: AudioTechnica color: BLUE model: ATH-M50xBB volume= 3 pluggedIn= true manufacturer= AudioTechnica headPhoneColor= java.awt.Color[r=0,g=0,b=255] headPhoneModel= ATH-M50xBB volume change: 1	Yes Yes Yes Yes Yes Yes Yes Yes



```
Source History
37 hpDefault.changeVolume(HIGH);
38 System.out.println("volume change: " + hpDefault.getVol() + "\n");
39
40 //construct another headphone object
41 Headphone hp1 = new Headphone(LOW, true, "Sony", Color.RED, "MDR-XB650BT");
42 //print values of fully constructed headphone1
43 System.out.println("volume: " + hp1.getVol());
44 System.out.println("plugged in: " + hp1.getPluggedIn());
45 System.out.println("manufacturer: " + hp1.getManuf());
46 System.out.println("color: " + hp1.getColor());
47 System.out.println("model: " + hp1.getModel());
48 System.out.println("toString: " + hp1.toString());
49 //change volume of headphone 1
50 hp1.changeVolume(MEDIUM);
51 System.out.println("volume change: " + hp1.getVol() + "\n");
52
53
54 //construct a headphone using all of the setter methods
55 Headphone hp2 = new Headphone();
56 hp2.setVolume(HIGH);
57 hp2.setPluggedIn(true);
58 hp2.setManufacturer("AudioTechnica");
59 hp2.setColor(Color.BLUE);
60 hp2.setModel("ATH-M50xBB");
61 //print values of setter headphone2
62 System.out.println("volume: " + hp2.getVol());
63 System.out.println("plugged in: " + hp2.getPluggedIn());
64 System.out.println("manufacturer: " + hp2.getManuf());
65 System.out.println("color: " + hp2.getColor());
66 System.out.println("model: " + hp2.getModel());
67 System.out.println("toString: " + hp2.toString());
68
69 //change the volume for headphone2
70 hp2.changeVolume(LOW);
71 System.out.println("volume change: " + hp2.getVol());
72
```

```
testheadphones.TestHeadphones > main >
Output - TestHeadphones (run)
run:
volume: 3
plugged in: false
manufacturer: Beyerdynamic
color: java.awt.Color[r=0,g=0,b=0]
model: DT 770 Pro
toString: volume= 3 pluggedIn= false manufacturer= Beyerdynamic headPhoneColor= java.awt.Color[r=0,g=0,b=0] headPhoneModel= DT 770 Pro
volume change: 3

volume: 1
plugged in: true
manufacturer: Sony
color: java.awt.Color[r=255,g=0,b=0]
model: MDR-XB650BT
toString: volume= 1 pluggedIn= true manufacturer= Sony headPhoneColor= java.awt.Color[r=255,g=0,b=0] headPhoneModel= MDR-XB650BT
volume change: 2

volume: 3
plugged in: true
manufacturer: AudioTechnica
color: java.awt.Color[r=0,g=0,b=255]
model: ATH-M50xBB
toString: volume= 3 pluggedIn= true manufacturer= AudioTechnica headPhoneColor= java.awt.Color[r=0,g=0,b=255] headPhoneModel= ATH-M50xBB
volume change: 1
BUILD SUCCESSFUL (total time: 0 seconds)
```