**Program 3: Different Types of Inheritance**

Create a class Electronics as a super class. Then Create another classes Mobile,Earphone and Trimmer as base classes.The subclasses should have a method that displays the corresponding information of the electronic devices.

**package** inheritance;

**class** Electronics {

**void** types() {

System.***out***.println("Electronic Items:-");

System.***out***.println("Mobiles\nEarphones\nTrimmer");

}

}

**class** mobile **extends** Electronics {

**void** company1() {

System.***out***.println("Mobile Companies:-");

System.***out***.println("MI\nApple\nSamsung");

}

}

**class** earphone **extends** mobile {

**void** company2() {

System.***out***.println("Earphones Companies:-");

System.***out***.println("JBL\nSony\nBose");

}

}

**class** trimmer **extends** earphone {

**void** company3() {

System.***out***.println("Trimmer Companies:-");

System.***out***.println("Nova\nPhillips\nSyska");

}

}

**public** **class** multilevel {

**public** **static** **void** main(String[] args) {

trimmer t=**new** trimmer();

t.types();

t.company1();

t.company2();

t.company3();

}

}

**Output: -**

