//innerclass1

public class innerClass1 {

private String msg = "Welcome to Java";

class Inner {

void hello() {

System.out.println(msg + ", Let us start learning Inner Classes");

}

}

public static void main(String[] args) {

innerClass1 obj = new innerClass1();

innerClass1.Inner in = obj.new Inner();

in.hello();

}

}



public class innerClass2 {

private String msg = "Inner Classes";

void display() {

class Inner {

void msg() {

System.out.println(msg);

}

}

Inner l = new Inner();

l.msg();

}

public static void main(String[] args) {

innerClass2 ob = new innerClass2();

ob.display();

}

}



//anonymous inner class

abstract class AnonymousInnerClass {

public abstract void display();

}

public class innerClass3 {

public static void main(String[] args) {

AnonymousInnerClass i = new AnonymousInnerClass() {

public void display() {

System.out.println("Anonymous Inner Class");

}

};

i.display();

}

}

