package inheritance;

class Publisher{

String publisher;

Publisher(String publi){

this.publisher=publi;

}

}

class Book{

String name;

Publisher publisher;

Book(){ }

public Book(String name,Publisher publisher) {

this.name=name;

this.publisher=publisher;

}

}

class Literature extends Book{

String Lit\_type="Literature";

Literature(String name,Publisher publisher){

super(name,publisher);

}

void display() {

System.out.println("Name: "+super.name);

System.out.println("Type: "+this.Lit\_type);

System.out.println("publisher: "+this.publisher.publisher);

}

}

class Fiction extends Book{

String Lit\_type="Fiction";

Fiction(String name,Publisher publisher){

super(name,publisher);

}

void display() {

System.out.println("Name: "+super.name);

System.out.println("Type: "+this.Lit\_type);

System.out.println("publisher: "+this.publisher.publisher);

}

}

public class InheritanceBook {

public static void main(String[] args) {

Publisher lp=new Publisher("S.Chand");

Literature l=new Literature("As you like it",lp);

l.display();

Publisher fp=new Publisher("Tata McGrow Hill ");

Fiction f=new Fiction("Tempest",fp);

f.display();

}

}

**Output**

Name: As you like it

Type: Literature

publisher: S.Chand

Name: Tempest

Type: Fiction

publisher: Tata McGrow Hill