OBJECT ORIENTED PROGRAMMING LAB

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**Roll No: 28 Batch: MCA B Date: 18/05/2022**

# Experiment No.: 13

**Aim**

Write a program has class Publisher, Book, Literature and Fiction. Read the information

and print the details of books from either the category, using inheritance.

# Procedure

import java.util.\*;

class publisher

{

String pubname;

publisher(String pub){

this.pubname=pub;

}

}

class Books extends publisher{

String Bookname;

Books(String pub,String B){

super(pub);

Bookname=B;

}

}

class Literature extends Books{

String Litname;

Literature(String pub,String B,String L)

{

super(pub, B);

Litname=L;

}

void display(){

System.out.println("..........................................");

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

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

System.out.println("Literature Name :"+Litname);

System.out.println("..........................................");

}

}

class Fiction extends Books{

String ficname;

Fiction(String pub,String B,String F)

{

super(pub, B);

ficname=F;

}

void display(){

System.out.println("..........................................");

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

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

System.out.println("Fiction Name :"+ficname);

System.out.println("..........................................");

}

}

class lab4{

public static void main(String[] args) {

String pub\_name, book\_name,lit\_name,fic\_name,p\_name, b\_name;

Scanner s=new Scanner(System.in);

System.out.println("enter the pub\_name");

pub\_name=s.next();

System.out.println("enter the book\_name");

book\_name=s.next();

System.out.println("enter the Lit\_name");

lit\_name=s.next();

System.out.println("enter the pub\_name");

p\_name=s.next();

System.out.println("enter the book\_name");

b\_name=s.next();

System.out.println("enter the fic\_name");

fic\_name=s.next();

Literature obj1=new Literature(pub\_name,book\_name,lit\_name);

Fiction obj2=new Fiction(p\_name,b\_name,fic\_name);

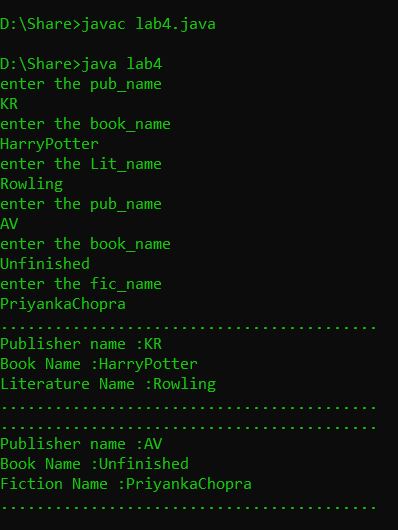
obj1.display();

obj2.display();

}

}

**OUTPUT**

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