## OBJECT-ORIENTED PROGRAMMING LAB

**Name: VYSHNAVI BABU S**

**Roll No: 55**

**Batch: MCA - B**

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## 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.

## Program

```
class Main{
    public static void main(String[] args) {
      Literature litObj = new Literature("Literature","All the King's Men","ABC");
Fiction FicObj = new Fiction("Fiction","War and Peace","DFSC");
litObj.display();       FicObj.display();
    }
}
class Publisher {     String
publisherName;
Publisher(String P){
this.publisherName = P;
    }
}
class Books extends Publisher{
String bookName;
    Books(String B,String P){
super(P);         this.bookName
=B;
    }
```

```
}
class Literature extends Books{
   String LiteratureName;
   Literature(String L,String B,String P){
super(B,P);        this.LiteratureName =
L;
   }
   void display(){
      System.out.println(".....");
      System.out.println("Publisher Name : " + super.publisherName);
      System.out.println("Bookname Name : " + super.bookName);
      System.out.println("Literature Name : " + LiteratureName);
      System.out.println(".....");
   }
}
class Fiction extends Books{
   String FictionName;
   Fiction(String F,String B,String P){
super(B,P);        this.FictionName =
F;
   }
   void display(){
      System.out.println(".....");
      System.out.println("Publisher Name : " + super.publisherName);
      System.out.println("Bookname Name : " + super.bookName);
      System.out.println("Fiction Name : " + FictionName);
      System.out.println(".....");
   }
}
```

## Output Screenshot