3) Books

```java
Import java.util.Scanner;

class Book {
    String name;
    String Author;
    double price;
    int numpgs;

    public Book ( String name; String Author,
                              double price, int numpgs)
    {
        this.name = name;
        this.Author = Author;
        this.price = price;
        this.numpgs = numpgs;
    }

    void Setdetails ()
    {
        Scanner s = new Scanner (System.in);
        System.out.println ("Enter Book name: ");
        this.name = s.nextLine ();
        SOPln (" Enter author name ");
        this.Author = s.nextLine ();
        SOPln ("Enter price: ");
        this.price = s.nextDouble ();
        SOPln (" Enter number of pages ");
        this.numpgs = s.nextInt ();
    }
```

```java
void getdetails ()
{
        SOP ln ("Book name : " + name);
        SOP ln ("Author : " + Author);
        SOP ln (" Price : " +price);
        SOP ln ("Number of Pages." + numpgs );
}


String toString ()
{
        return " Book Details : \n " +
        "Name : " + name + "\n" +
        " Author :" + Author + "\n"+
        " Price :" + price + " \n" +
        " Number of pages:" + numpgs ;
}
}


class bookDemo {
public static void main (String [] args){
        Scanner s = new Scanner(System.in);
        SOPln ("Enter number of books ");
        int n = s.nextInt ();
        Book [] books = new Book [n];
        for (int i =0 ; i < n; i++)
{
                SOP ln (" Enter Details of Book" +(i+1)
                + ": ");
                books [i] = new Book() ;
                books [i]. set Details ();
        }
```

```java
SOP.ln ("Details of all books");
for (int i = 0; i < M; i++)
{
        SOP.ln ("Book" + (i+1) + ":");
        books [i].getDetails ();
}
SOP.ln ("Complete Details of all bks");
for (int i = 0; i < M; i++) {
        SOP.ln ("Book" + (i+1) + ":\n" +
                books [i].toString ());
}
}
}
}
```

O/P

Enter the number of books: 1
Enter details for Book 1:
Enter book name
Ashes
Enter author name:
Ben
Enter price:
678
Enter number of pages
650

Details of all books:
Book 1:
Book name: Ashes
Author: Ben
Price: 678.0
Number of pages: 450

Complete Details of all Books

Book 1 :

Book Details

Name : Ashes

Author : ben

Price : 678.0

Number of pages : 450