

LAB-3

```
import java.util.*;
class Book {
    String name;
    String author;
    int price;
    int num_pages;
    Book()
    {}
    Book(String name,String author,int price,int
    num_pages)
    {
        this.name=name;
        this.author=author;
        this.price=price;
        this.num_pages=num_pages;
    }
    void accept()
    {
        Scanner s=new Scanner(System.in);
        System.out.println("Enter the name of the book");
        name=s.next();
        System.out.println("Enter the author of the book");
        author=s.next();
        System.out.println("Enter the price of the book");
        price=s.nextInt();
        System.out.println("Enter the number of pages of
        the book");
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num_pages=s.nextInt();
}
public String toString()
{
return ("Name: "+name + "\n" + "Author: "+author +
"\n" + "Price: "+price + "\n"
+"Number of pages: "+num_pages );
}
}
class BookMain {
public static void main(String ss[])
{
Scanner a=new Scanner(System.in);Book b1=new
Book("the food","sanjeev",450,300);
System.out.println("Sample input:\n"+b1);
System.out.println("Enter the number of books");
int n=a.nextInt();
Book b[]=new Book[n];
for(int i=0;i<n;i++)
{
b[i]=new Book();
System.out.println("Enter the details of "+(i+1)+"
book");
b[i].accept();
}
for(int i=0;i<n;i++)
{
System.out.println("Details of book "+(i+1));
System.out.println(b[i]);
}
}

```

}
}

```
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00J Lab> javac
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00J Lab> java M
Enter the number of books:2
Enter book name:the food
Enter author's name:sanjeev
Enter price of book:450
Enter the number of pages of book:300
-----BOOK DETAILS-----
Book name:the food
Author:sanjeev
Price:450.0
Number of Pages:300
-----
Enter book name:sports
Enter author's name:rahu1
Enter price of book:380
Enter the number of pages of book:400
-----BOOK DETAILS-----
Book name:sports
Author:rahu1
Price:380.0
Number of Pages:400
-----
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00J Lab>
```