

Lab program.

```
import java.util.*;
```

```
class Book
```

```
{
```

```
String name;
```

```
String author;
```

```
double price;
```

```
int num-pages;
```

```
void Book()
```

```
{
```

```
name = null;
```

```
author = null;
```

```
price = 0.0;
```

```
num-pages = 0;
```

```
}
```

```
void Set()
```

```
{
```

```
Scanner sn = new Scanner(System.in);
```

```
System.out.println("Enter the name of book");
```

```
name = sn.nextLine();
```

```
System.out.println("Enter the author");
```

```
author = sn.nextLine();
```

```
System.out.println("Enter the price");
```

```
price = sn.nextDouble();
```

```
System.out.println("Enter no. of pages");
```

```
num-pages = sn.nextInt();
```

```
}
```

```
public toString toString()
```

```
{  
    return ("The name of book is " + name + "\n author "  
        + author + "\n prices : " + prices + "Pg. no "  
        + num-pages);  
}
```

```
}
```

```
class book
```

```
{
```

```
    public static void main (String[] args)
```

```
{
```

```
        Scanner bu = new Scanner (System.in);
```

```
        System.out.println ("Enter the number of books");
```

```
        int n = bu.nextInt();
```

```
        Book [] arr = new Book [n];
```

```
        for (int i = 0; i < n; i++)
```

```
{
```

```
            arr[i] = new Book();
```

```
            arr[i].set();
```

```
}
```

```
        for (int i = 0; i < n; i++)
```

```
            System.out.println (arr[i]);
```

```
}
```

```
}
```



```
vj2001@VJ:~/ooj-lab/13$ java book
Enter the number of books:
1
Enter the details of book 1
Enter the name of the book
Concepts of Physics
Enter the author of the book
H C Verma
Enter the number of pages
259
Enter the price of the book
499
The Name of the book is : Concepts of Physics
The Author is : H C Verma
The Price of the book is : 499.0
The number of pages in the book are : 259
vj2001@VJ:~/ooj-lab/13$ ■
```