

Lab-3

Program to read and print book details.

```
class title  
public
```

```
import java.util.Scanner;
```

```
class book {
```

```
    String author, book;
```

```
    int price, numPages;
```

```
    book(String book, String author, int price, int numPages)  
{
```

```
        this.book = book;
```

```
        this.author = author;
```

```
        this.price = price;
```

```
        this.numPages = numPages;
```

```
    }
```

```
    public String toString()  
{
```

```
        return "Book Name:" + this.name + "\n Author:" + this.author;
```

```
        " \n price:" + this.price + " \n Page number" + this.numPages;  
    }
```

```

class lib {
    String author, book;
    int price, numPages;
    int num-books;
    Scanner input = new Scanner(System.in);
    num-books = input.nextInt();
    books b[] = new books[num-books];

    for(int i=0; i< num-books; i++){
        input.nextLine();
        System.out.println("Enter book name:");
        book = input.nextLine();

        System.out.println("Enter author name:");
        author = input.nextLine();

        System.out.println("Enter price:");
        price = input.nextInt();

        System.out.println("Enter page number:");
        numPages = input.nextInt();

        b[i] = new books(book, author, price, numPages);
    }

    for(int i=0; i< numPages; i++){
        String a = b[i].toString();
        System.out.println(a);
    }
}

```

Output:

Book 1

Enter book name: Harry Potter

Enter author: J.K. Rowling

Enter the Price: 799

Enter the pg No.: 889

Book 2

Enter book name: Hunchbumps

Enter author: RL Stine

Enter Price: 450

Enter number of pages: 236

Book 1 details

Name:

Book Name: Harry Potter

Author: J.K. Rowling

Price: 799

Page count: 889

Book 2 Details

Book Name: ~~the~~ Hunchbumps

Author: RL Stine

Price: 450

Page count: 236


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