

LAB - 3 PROGRAMS

Classmate
Date _____
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- 8) Create a class Book which contains members: name, author, price, num-pages. Include a constructor to set the values of members. Include methods to set and

```
import java.util.Scanner;  
class Book {
```

```
    String author, book;  
    int price, numpages;
```

```
    Book(String book, String author,  
        price, int numpages)  
    {
```

```
        this.book = book;  
        this.author = author;  
        this.price = price;  
        this.numpages = numpages;
```

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

```
        return "Book Name: " + this.name + " Author:  
        author + "\n price: " + this.price + "\n pages:  
        ber" + 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 bookname:");
    book = input.nextLine();
    System.out.println("Enter author name");
    author = input.nextLine();
    System.out.println("Enter price");
    price = input.nextInt();
    System.out.println("Enter p-num");
    numPages = input.nextInt();
    b[i] = new Books(book, author, price, numPages);
}
for (i = 0; i < numPages; i++) {
    String a = b[i].toString();
    System.out.println(a);
}
}

```

Output :-

Book 1

Enter book name : Harry Potter

Enter author : JK Rowling

Enter price : 799

Enter pnum : 885

Book 1 details

Book Name :- Harry Potter

Author : JK Rowling

Price : 799

Page num : 889

[Signature]
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