

3) Create a ~~book~~ book which contains 3 members name, author, price, num of pages. In add the constructor to set the value for the members. include method to add & get the ~~obj~~ details of objects - ~~book~~.
Include a ~~to~~ `toString()` method that could display the complete details. Develop a Java program to create n book objects.

Sol)

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

```
import java.lang.*;
```

Class Book

```
{
```

```
String name, author, int price, numPages;
```

Void getVal()

```
{
```

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

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

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

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

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

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

```
price = sc.nextInt();
```

System.out.println(
numPages = sc.

3

public

```
{
```

```
return num  
Pages + "
```

3

Void

```
{
```

System.

```
?  
}
```

Class Book

```
{
```

public

```
{
```

System

S

int

Book(

book(

name,
thicks
to
method
- ~~display~~
display the
book to

```
System.out.print("Enter No. of Pages");  
numPages = sc.nextInt();
```

}

④ public String toString()

{

```
return name + " " + author + " " + genre + " " + num  
Pages + " ";
```

}

void display(Book ob)

{

```
System.out.println(ob);
```

}

}

Class BookVec

{

public static void main (String ar[])

{

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

```
System.out.print("Enter the no of book objects");
```

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

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

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

```

ob[i] = new Book();
for (int i=0; i<n; i++)
{
    ob[i].getval(i);
    for (int j=0; j<n; j++)
        if (ob[i].difflog(ob[j]) > 1)
    }
}

```

Output

Enter the no of book objects

1

Enter book name

loht

Enter author name

Othman

Enter price

800

Enter no of pages

280

Name: loht

author: Othman

Price: 800

num. Pages: 280

C:\Users\BMSCE\Desktop\1BM21CS060> java BookDET

Enter the no. of book objects

2

Enter book name

lort

Enter author name

awaiz

Enter price

800

Enter No. of pages

22

Enter book name

aaa

Enter author name

dhruva

Enter price

300

Enter No. of pages

150

name:lort author:awaiz pric:800 num_pages:22

name:aaa author:dhruva pric:300 num_pages:150