

Program 3:

Create a class Book which contains four members name, author, Price, numpage. Include a constructor to set the values for the numbers. Include methods to set and get the details of the objects. Include a string method that could give complete details of the book.

Develop a java program.

```
import java.util.Scanner;
import java.lang.Scanner;
class book
{
    String name, author; int price num-pages;

    void getval()
    {
        Scanner sc = new Scanner (System.in);
        System.out.println("Enter the book name");
        String name = sc.next();
        System.out.println("Enter the author name");
        String author = sc.next();
        System.out.print("Enter the price: ");
        int int price = sc.nextInt();
    }
}
```



```
System.out.println("Enter the no. page");  
int page = sc.nextInt();  
}
```

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

```
return name + " " + price + " " + numPages + " ";
```

```
}
```

```
void display (Book o)
```

```
{
```

```
System.out.println(o)
```

```
}
```

```
}
```

```
class Bookuck
```

```
{
```

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

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

```
System.out.println("Enter the no. of book object");
```

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

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

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

```
{ ob[i].getVal(); }
```

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

```
{ ob[i].display (ob[i]); }
```

```
}
```



output :-

Enter the book name

Macbeth

Enter author name

Shakespeare

Enter price

500

Enter No. of pages

300

macbeth shakespeare 500 300

```
Command Prompt
Microsoft Windows [Version 10.0.22000.1455]
(c) Microsoft Corporation. All rights reserved.

C:\Users\hp>cd C:\Users\hp\OneDrive\Desktop\1bm21cs008
C:\Users\hp\OneDrive\Desktop\1bm21cs008>javac Bookvck.java
C:\Users\hp\OneDrive\Desktop\1bm21cs008>java Bookvck
Enter the no. of book objects
1
Enter book name
Macbeth
Enter author name
Shakespeare
Enter price
500
Enter No. of pages
300
Macbeth Shakespeare 500 300
C:\Users\hp\OneDrive\Desktop\1bm21cs008>
```