

- Q) Create class Book which contains 4 members: name, author, price, num-pages. Include a constructor to set the values for the members. Include methods to get details of the objects. Include toString() method that could display the complete details. Develop a Java program to create n book objects.

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

```
class Book1
```

```
{
```

```
    public String title;
```

```
    public String author;
```

```
    public int pg;
```

```
    public int price;
```

```
    public Book1 (String title, String author, int pg, int price)
```

```
{
```

```
        this.title = title;
```

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

```
        this.pg = pg;
```

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

```
}
```

```
    public String toString ()
```

```
{
```

```
        return "\nTitle: \n" + title + "\nAuthor: \n" + author +  
        "\nNo of pages \n" + pg + "\nPrice \n" + price ;
```

```
}
```

```
}
```



```
class Book2
```

```
{
```

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

```
{
```

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

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

```
int a = sc.nextInt();
```

```
sc.nextLine();
```

```
BOOK b1[] = new BOOK[a];
```

```
for (i=0; i<a; i++)
```

```
{
```

```
System.out.println ("Title of BOOK");
```

```
String b = sc.nextLine();
```

```
System.out.println ("Author of BOOK");
```

```
String k = sc.nextLine();
```

```
System.out.println ("No of pages");
```

```
int c = sc.nextInt();
```

```
System.out.println ("Price of BOOK");
```

```
int e = sc.nextInt();
```

```
b1[i] = new BOOK (b, k, c, e);
```

```
sc.nextLine();
```

```
}
```

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

```
{
```

```
System.out.println ("-----");
```

```
System.out.println (b1[i]);
```

```
} } }
```