

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

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

```
{
```

```
String name, author;
int price;
int num-pages;
```

```
Book (String name, String author, int price, int num-pages)
```

```
{
```

```
this.name = name;
```

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

```
this.num-pages = num-pages;
```

```
}
```

```
public String toString()
```

```
{
```

```
String n, a, p, N;
```

```
n = "\n" + "Name of Book: " + name + "\n";
```

```
a = "Author of Book: " + author + "\n";
```

```
p = "Price of Book: " + price + "\n";
```

```
N = "Number of pages: " + num-pages + "\n";
```

```
return n+a+p+N;
```

```
{
```

```
{
```

class Main

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.println("Enter the number of books: ");

int n = sc.nextInt();

Book b[] = new Book[n];

String name, author;

int price, num;

sc.nextLine();

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

{

System.out.println("Enter name of book: ");

name = sc.nextLine();

System.out.println("Enter author's name: ");

author = sc.nextLine();

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

price = sc.nextLine();

System.out.println("Enter number of pages: ");

num = sc.nextInt();

b[i] = new Book(name, author, price, num);

{

System.out.println("Details of books: ");

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

System.out.println(b[i].toString());

{

{

{

Output:

Enter number of books: 2

Enter name of book: PRIDE & PREJUDICE & POLDIRY

Enter author's name: SHASHI THAROR

Enter Price: 999

Enter number of pages: 872

Enter name of book: THE FAMOUS FIVE

Enter author's name: J.K. ROWLING

Enter price: 449

Enter nume of pages: 352

Details of books:

Name of book: PRIDE & PREJUDICE & POLDIRY

Author of book: SHASHI THAROR

Price of book: 999

Number of pages: 872

Name of book: THE FAMOUS FIVE

Author of book: J.K. ROWLING

Price of book: 449

Number of pages: 352

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"classmate"; together with present "activity". It contains