Swastik_week4_java

```java
import java.util.Scanner;
class Book
{
  String name,author;
  int pages,price;
  Book()
{
  name ="";
  author="";
  pages=0;
  price=0;
}
void set()
{
  System.out.println("Enter name,author,price and number of pages in book respectively");
  Scanner sc= new Scanner(System.in);
  name=sc.nextLine();
  author=sc.nextLine();
  price=sc.nextInt();
  pages=sc.nextInt();
}
void get()
{
 System.out.println("This class contains name,author,price,no. of pages of book");
}
public String toString(){
  return name+"\n"+author+"\n"+price+"\n"+pages;
}
}
```

```java
class Main
{
 public static void main(String args[])
{
 int n;
 Scanner sc= new Scanner(System.in);
 System.out.println("Enter no. of books");
 n=sc.nextInt();
 Book b1[]=new Book[n];
 for(int i=0;i<n;i++)
{
b1[i]=new Book();
b1[i].set();
}
new Book().get();
for(int i=0;i<n;i++)
{
 System.out.println(b1[i]);
 System.out.println();
}
}
}
```

OUTPUT

```
C:\Users\admin\Desktop\1bm21cs228>java bookshow
Enter no. of books
2
Enter name,author,price and number of pages in book respective
Glimpses of world history
Jawaharlal nehru
150
500
Enter name,author,price and number of pages in book respective
Rashmirathi
Ramdhari singh dinkar
180
400
This class contains name,author,price,no. of pages of book
Name: Glimpses of world history
Author: Jawaharlal nehru
Price: 150
No. of pages: 500

Name: Rashmirathi
Author: Ramdhari singh dinkar
Price: 180
No. of pages: 400


C:\Users\admin\Desktop\1bm21cs228>
```