

```

1 import java.util.Scanner;
2 class Book
3 {
4     String name;
5     String author;
6     int price;
7     int num_pages;
8     Book()
9     {}
10    Book(String name,String author,int price,int num_pages)
11    {
12        this.name=name;
13        this.author=author;
14        this.price=price;
15        this.num_pages=num_pages;
16    }
17    void accept()
18    {
19        Scanner s=new Scanner(System.in);
20        System.out.println("Enter the name of the book");
21        name=s.next();
22        System.out.println("Enter the author of the book");
23        author=s.next();
24        System.out.println("Enter the price of the book");
25        price=s.nextInt();
26        System.out.println("Enter the number of pages of the book");
27        num_pages=s.nextInt();
28    }
29    public String toString()
30    {
31        return ("Name: "+name + "\n" + "Author: "+author + "\n" + "Price: "+price + "\n" + "Number of pages: "+num_pages );
32    }
33 }
34 class Main {
35     public static void main(String ss[])
36     {
37         Scanner a=new Scanner(System.in);
38         Book b1=new Book("Heights","Anne",299,345);
39         System.out.println("Constructor Values:\n"+b1);
40         System.out.println("Enter the number of books");
41         int n=a.nextInt();
42         Book b[] =new Book[n];
43

```

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va
    this.author=author;
    this.price=price;
    this.num_pages=num_pages;
}
void accept()
{
    Scanner s=new Scanner(System.in);
    System.out.println("Enter the name of the book");
    name=s.next();
    System.out.println("Enter the author of the book");
    author=s.next();
    System.out.println("Enter the price of the book");
    price=s.nextInt();
    System.out.println("Enter the number of pages of the book");
    num_pages=s.nextInt();
}
public String toString()
{
    return ("Name: "+name + "\n" + "Author: "+author + "\n" + "Price: "+price + "\n" + "Number of pages: "+num_pages );
}
}
class Main {
    public static void main(String ss[])
    {
        Scanner a=new Scanner(System.in);
        Book b1=new Book("Heights","Anne",299,345);
        System.out.println("Constructor Values:\n"+b1);
        System.out.println("Enter the number of books");
        int n=a.nextInt();
        Book b[]=new Book[n];
        for(int i=0;i<n;i++)
        {
            b[i]=new Book();
            System.out.println("Enter the details of "+(i+1)+" book");
            b[i].accept();
        }
        for(int i=0;i<n;i++)
        {
            System.out.println("Details of book "+(i+1));
            System.out.println(b[i]);
        }
    }
}
}
```




Constructor Values:

Name: Heights

Author: Anne

Price: 299

Number of pages: 345

Enter the number of books

2

Enter the details of 1 book

Enter the name of the book

melhua

Enter the author of the book

amish

Enter the price of the book

250

Enter the number of pages of the book

342

Enter the details of 2 book

Enter the name of the book

vayuputras

Enter the author of the book

amish

Enter the price of the book

345

Enter the number of pages of the book

450

Details of book 1

Name: melhua

Author: amish

Price: 250

Number of pages: 342

Details of book 2

Name: vayuputras

Author: amish

Price: 345

Number of pages: 450

...Program finished with exit code 0
Press ENTER to exit console.