

3. Java program to create class Book containing four members: name, author, price ,number of pages

```
import java.util.Scanner;
class Book
{
    String name;
    String author;
    int price;
    int num_pages;
    Book()
    {}
    Book(String name,String author,int price,int num_pages)
    {
        this.name=name;
        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");
        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++)
        {
```

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        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]);
    }
}
}

```

Output:

```

Constructor Values:
Name: Heights
Author: Anne
Price: 299
Number of pages: 345
Enter the number of books
2
Enter the details of 1book
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
342
Enter the details of 2book
Enter the name of the book
vayudas
Enter the author of the book
amish
Enter the price of the book
345
Enter the number of pages
450
Details of book 1
Name: melhua
Author: amish
Price: 250
Number of pages: 342
Details of book 2
Name: vayudas
Author: amish

```

```

Price: 345
Number of pages: 450

```