```java
import java.util.*;
class book
{
        String name,author;
        int price,num_pages;
        book(String nam,String a,int p,int no)
        {
                name=nam;
                author=a;
                price=p;
                num_pages=no;
        }
        static String accept_name()
        {
                Scanner sc=new Scanner(System.in);
                System.out.println("enter name of the book");
                return(sc.nextLine());
        }
        static String accept_author()
        {
                Scanner sc=new Scanner(System.in);
                System.out.println("enter name of the author");
                return(sc.nextLine());
        }
        static int accept_price()
        {
                Scanner sc=new Scanner(System.in);
                System.out.println("enter price of the book");
                return(sc.nextInt());
        }
        static int accept_pages()
        {
                Scanner sc=new Scanner(System.in);
                System.out.println("enter no of pages of the book");
                return(sc.nextInt());
        }
        public String toString()
        {
            return("name : "+name+"\n author :  "+author+"\n price :  "+price+"\n no of pages : "+num_pages);
        }

        public static void main(String args[])
        {
                Scanner sc=new Scanner(System.in);
                int n;
                System.out.println("enter number of books");
                n=sc.nextInt();
                String nam,a;
                int p,no;
                book []obj=new book[n];
                for(int i=0;i<n;i++)
                {
                        nam=accept_name();
                  a=accept_author();
                        p=accept_price();
                        no=accept_pages();
                        obj[i]=new book(nam,a,p,no);
                }
                int x=1;
```

```java
            for(int i=0;i<n;i++)
            {
                    System.out.println("BOOK "+(x++));
                    System.out.println(obj[i]);
            }

        }
}
```