```java
import java.util.*;
// Lab Program - 3 //
class book
{   String name;
    String author;
    double price;
    int num_pages;


    Book (String a, String b, double c, int d)
    {   name = a;
        author = b;
        price = c;
        num_pages = d;
    }


    Book ( )
    {   name = "none";
        author = "none";
        price = 0.0;
        num_pages = 0;
    }


    void setdata ( )
    {   System.out.println ("Enter book details");

        Scanner scan = new Scanner (System.in);
        System.out.println ("Enter name of the book");
        String name = scan.nextLine ();
        System.out.println ("Enter author of the book");
        String author = scan.nextLine ();
        System.out.println ("Enter price and no. of pages");
        double price = scan.nextDouble ();
        int num_pages = scan.nextInt ();
    }
```

```java
public String toString ()
{ return ("name:" + name + "\nauthor :author +
 " \nprice :" + price + "\n number of pages:" + num_pge)
}

}

class mainclass {
public static void main (String args[])
{ Scanner scan = new Scanner (System.in)
 int n;
 System.out.println ("enter number of books");
 n = scan.nextInt ();
 book b[] = new book [n];
 for (i = 0; i < n; i++)
 { b[i] = new book ();
   System.out.println (" Enter book" + (i+1) + "details );
   b[i].setdata ();
 }
 System.out.println ("The book details are");
 for (i = 0; i < n; i++)
 { System.out.println (" book" + (i+1)+";" );
   System.out.println ( b[i]); }

 }

}
```