Lab - 3

```java
import java.util.*;
class book {
string name;
string author;
double price;
int num_pages;
public book() {
    name = "java the complete reference";
    author = "herbert schildt
    price = 1000.0;
    num_pages = 1882;
}

public book (String name, string author,
                     double price, int num_pages) {

    this.name = name;
    this.author = author;
    this.price = price;
    this.num_pages = num_pages;
}

void setdetails () {
Scanner x = new Scanner (system.in);
name = x.nextline ();
author = x.nextline ();
price = x.nextDouble ();
num_pages = x.nextInt ();
}

public String toString () {
return (name +"," +author +"," + price +",
        "+num pages);
}
}
```

```java
public class Main {
    public static void main (String [] args) {
        int n=0;
        Scanner x= new Scanner (system.in);
        System.out.println ("enter the value for n:");
        n= x.nextInt ();
        book [] b= new book [n];
        System.out.println ("enter the details of
                book (name, author, price, num pages)};

        for (int i=0 ; i<n ; i++){
            b[i] = new book ();
            System.out.println ("details of "+ (i+1)+
                                        book :");
            b[i]. setdetails();
        }

        System.out.println ("the details of the
                            book are :");
        for (int i=0 ; i<n ; i++) {
            System.out.println((i +1)+" book:");
            System.out.println (b[i]);
        }
    }
}
```