

- Create a class Book with which contains four members : name, author, price, num-pages. Include a constructor to set the values for the ~~student~~ members. Include methods to set & get the details of the objects. Include toString() method that could display the complete details of the book. Develop a Java prog. to create n books objects.

```
import java.util.Scanner;
class book {
    String author;
    String name;
    int num-page;
    double price;
    Scanner sc = new Scanner(System.in);
    void getDetails() {
        System.out.println("Enter Name of Author:");
        author = sc.next();
        System.out.println("Enter the Title of Book:");
        name = sc.next();
        System.out.println("Enter the No. of Pages:");
        num-pages = sc.nextInt();
        System.out.println("Enter Cost of Book:");
        price = sc.nextDouble();
    }
}
```

```

    }

    public String toString () {
        return (" Author : " + author + " \n Book
                Title : " + name + " \n Page : "
                + num-pages + " \n Price : " +
                price );
    }

```

```

    }

    book () {
        author    = " Hester Garcia , Albert
                    Lieberman ";
        name      = " Ikigai : The Japanese Secret
                    to a long & Happy Life ";
        num-pages = 143;
        price     = 362.00;
    }

```

```

    }

    void display () {
        System.out.println(" Author : " + author);
        System.out.println(" Book title : " + name);
        System.out.println(" Number of Pages : "
                            + num-pages);
        System.out.println(" Price : " + price);
    }

```

```

    }

    class booklib {
        public static void main (string ss[]) {

```

```

Scanner sc = new Scanner (System.in);
int n;
book s1 = new book();
System.out.println(" It **** ");
s1.display();
System.out.println(" It **** ");
System.out.println(" \n Enter the Number
of books : ");

```

```

n = sc.nextInt();
book b[] = new book[n];
for(int i=0; i<n; i++) {

```

```

    System.out.println(" It **** ");
    System.out.println(" \n Enter the Detail of no. of books : " + t(i+1));
    b[i] = new book();
    n = sc.nextInt();
    b[i].getDetails();
    book b[] = new book[n];

```

```

} for(

```

```

    System.out.println(" \n ** All the
Books we have **");

```

```

for (int i=0; i<n; i++){
    System.out.println(" \n \t b ****");
    System.out.println(" Book : " +
        (i+1));
    System.out.println(b[i]);

```

```

}

```

```

}

```

```

}

```