

```
import java.util.Scanner;

class Book {
    private String author;
    private String name;
    private int num_pages;
    private double price;

    Scanner sc = new Scanner(System.in);

    Book() {}

    Book(String author, String name, int num_pages,
        double price) {
        this.author = author;
        this.name = name;
        this.num_pages = num_pages;
        this.price = price;
    }

    void getDetails() {
        System.out.println("Enter author name");
        author = sc.next();
        System.out.println("Enter bookname");
        name = sc.next();
        System.out.println("Enter no. of pages");
        num_pages = sc.nextInt();
        System.out.println("Enter price");
        price = sc.nextDouble();
    }
}
```

```
public String toString(){  
    return ("AUTHOR:" + author + "\nBook NAME:" + name  
    + "\n PAGES:" + num pages + "\n PRICE:" + price);  
}
```

```
}
```

```
class BookMenu
```

```
public static void main(String[] args){  
    Scanner sc = new Scanner(System.in);  
    int n;
```

```
    System.out.println("ENTER NO OF BOOKS");
```

```
    n = sc.nextInt();
```

```
    System.out.println("-----");
```

```
    Book b[] = new Book[n];
```

```
    b[0] = new Book("Tony", "Computers", 699, 2000.99);
```

```
    for (int i = 1; i < n; i++) {
```

```
        System.out.println("Enter Book details of book " + (i+1));
```

```
        b[i] = new Book();
```

```
        b[i].getDetails();
```

```
        System.out.println("-----");
```

```
}
```

```
    System.out.println("All books you entered");
```

```
    System.out.println("-----");
```

```
    for (int i = 0; i < n; i++) {
```

```
        System.out.println("\n ****");
```

Name of the Experiment :

Date :

Experiment No. :

Page No. :

```
System.out.println("Book : " + (i+1));
```

```
System.out.println(b[i]);
```

```
}
```

```
}
```

```
}
```