

1.BOOK QUESTION

```
import java.util.Scanner;

class Book {

    private String name;
    private String author;
    private double price;
    private int numPages;

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

    public void setName(String name) {
        this.name = name;
    }

    public void setAuthor(String author) {
        this.author = author;
    }

    public void setPrice(double price) {
        this.price = price;
    }

    public void setNumPages(int numPages) {
        this.numPages = numPages;
    }
}
```

```
public String getName() {
    return name;
}

public String getAuthor() {
    return author;
}

public double getPrice() {
    return price;
}

public int getNumPages() {
    return numPages;
}

public String toString() {
    return "Book Details\n" +
        "Name: " + name + "\n" +
        "Author: " + author + "\n" +
        "Price: " + price + "\n" +
        "Pages: " + numPages;
}

}

public class BookDemo {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

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

```
sc.nextLine();

Book[] books = new Book[n];

for (int i = 0; i < n; i++) {
    String name = sc.nextLine();
    String author = sc.nextLine();
    double price = sc.nextDouble();
    int pages = sc.nextInt();
    sc.nextLine();

    books[i] = new Book(name, author, price, pages);
}

for (Book b : books) {
    System.out.println(b);
    System.out.println();
}

sc.close();
}
```

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- PS C:\Users\naveen\java-programs>
 - PS C:\Users\naveen\java-programs> **javac** .\BookDemo.java
 - PS C:\Users\naveen\java-programs> **java** BookDemo
- 2
kingsoffire
chithanya
1200
120
wingsoffire
abdul kalam
200
100
Book Details
Name: kingsoffire
Author: chithanya
Price: 1200.0
Pages: 120
- Book Details
Name: wingsoffire
Author: abdul kalam
Price: 200.0
Pages: 100

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