

```

import java.util.Scanner;

class Book {
    String name;
    String author;
    int price;
    int numPages;

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

    @Override
    public String toString() {
        String bookDetails = "Book name: " + this.name + "\n" +
            "Author name: " + this.author + "\n" +
            "Price: " + this.price + "\n" +
            "Number of pages: " + this.numPages + "\n";

        return bookDetails;
    }
}

public class week3 {
    public static void main(String[] args) {
        Scanner s = new Scanner(System.in);
        System.out.print("Enter the number of books: ");
        int n = s.nextInt();
        s.nextLine();

        Book[] books = new Book[n];

        for (int i = 0; i < n; i++) {
            System.out.print("Enter name of book " + (i + 1) + ": ");
            String name = s.nextLine();
            System.out.print("Enter author of book " + (i + 1) + ": ");
            String author = s.nextLine();
            System.out.print("Enter price of book " + (i + 1) + ": ");
            int price = s.nextInt();
            System.out.print("Enter number of pages in book " + (i + 1) + ": ");
            int numPages = s.nextInt();
            s.nextLine();

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

        System.out.println("\nBook Details:");
        for (Book book : books) {
            System.out.println(book);
        }
    }
}

```

```
        System.out.print("Enter number of pages in book " + (i + 1) + ": ");  
        int numPages = s.nextInt();  
        s.nextLine();
```

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

```
    System.out.println("\nBook Details:");  
    for (Book book : books) {  
        System.out.println(book);  
    }
```

```
    s.close();
```

```
}
```

```
}
```

```
C:\Users\Admin\Desktop>javac week3.java
```

```
C:\Users\Admin\Desktop>java week3
```

```
Enter the number of books: 2
```

```
Enter name of book 1: p o w
```

```
Enter author of book 1: susmita sen
```

```
Enter price of book 1: 499
```

```
Enter number of pages in book 1: 1200
```

```
Enter name of book 2: panchatantra
```

```
Enter author of book 2: aadit tomar
```

```
Enter price of book 2: 149
```

```
Enter number of pages in book 2: 300
```

```
Book Details:
```

```
Book name: p o w
```

```
Author name: susmita sen
```

```
Price: 499
```

```
Number of pages: 1200
```

```
Book name: panchatantra
```

```
Author name: aadit tomar
```

```
Price: 149
```

```
Number of pages: 300
```