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import java.util.Scanner;

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

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

    void setDetails() {
        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter book name: ");
        this.name = scanner.nextLine();

        System.out.print("Enter author name: ");
        this.author = scanner.nextLine();

        System.out.print("Enter price: ");
        this.price = scanner.nextDouble();

        System.out.print("Enter number of pages: ");
        this.numPages = scanner.nextInt();
    }

    void getDetails() {
        System.out.println("Book Name: " + name);
        System.out.println("Author: " + author);
        System.out.println("Price: Rs " + price);
        System.out.println("Number of Pages: " + numPages);
    }

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

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        "Number of Pages: " + numPages;
    }
}

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

        System.out.print("Enter the number of books: ");
        int n = scanner.nextInt();

        Book[] books = new Book[n];

        for (int i = 0; i < n; i++) {
            System.out.println("\nEnter details for Book " + (i + 1) + ":");
            books[i] = new Book("", "", 0.0, 0);
            books[i].setDetails();
        }

        System.out.println("\nDetails of all books:");
        for (int i = 0; i < n; i++) {
            System.out.println("\nBook " + (i + 1) + ":");
            books[i].getDetails();
        }

        System.out.println("\nComplete details of all books:");
        for (int i = 0; i < n; i++) {
            System.out.println("\nBook " + (i + 1) + ":\n" + books[i]);
        }
    }
}

```

## OUTPUT

Enter the number of books: 2

Enter details for Book 1:

Name: Hamilton and and his 7 championships

Author: Lewis Hamilton

Price: Rs 100000.0

Number of Pages: 300

Enter details for Book 2:

Name:BalaKrishna GOAT

Author: Bala Krishna  
Price: Rs 100000.0  
Number of Pages: 100

Details of all books:

Book 1:  
Name: Hamilton and and his 7 championships  
Author: Lewis Hamilton  
Price: Rs 100000.0  
Number of Pages: 300

Book 2:  
Name:BalaKrishna GOAT  
Author: Bala Krishna  
Price: Rs 100000.0  
Number of Pages: 100

Complete details of all books:

Book 1:  
Book Details:  
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