import java.util.ArrayList;  
import java.util.List;  
import java.util.Scanner;  
  
class Book {  
    private String name;  
    private String author;  
    private double price;  
    private int numPages;  
  
    // Constructor  
    Book(String name, String author, double price, int numPages) {  
        [this.name](http://this.name/) = name;  
        this.author = author;  
        this.price = price;  
        this.numPages = numPages;  
    }  
  
    // Setters  
    void setName(String name) {  
        [this.name](http://this.name/) = name;  
    }  
  
    void setAuthor(String author) {  
        this.author = author;  
    }  
  
    void setPrice(double price) {  
        this.price = price;  
    }  
  
    void setNumPages(int numPages) {  
        this.numPages = numPages;  
    }  
  
    // Getters  
    String getName() {  
        return name;  
    }  
  
    String getAuthor() {  
        return author;  
    }  
  
    double getPrice() {  
        return price;  
    }  
  
    int getNumPages() {  
        return numPages;  
    }  
  
    // toString method  
    @Override  
    public String toString() {  
        return "Book{" +  
                "Name='" + name + '\'' +  
                ", Author='" + author + '\'' +  
                ", Price=" + price +  
                ", Number of Pages=" + numPages +  
                '}';  
    }  
}  
  
class BookStore {  
    public static void main(String[] args) {  
        Scanner scanner = new Scanner(System.in);  
        List<Book> books = new ArrayList<>();  
  
        System.out.print("Enter the number of books: ");  
        int n = scanner.nextInt();  
        scanner.nextLine(); // Consume newline  
  
        for (int i = 0; i < n; i++) {  
            System.out.println("Enter details for book " + (i + 1) + ":");  
  
            System.out.print("Name: ");  
            String name = scanner.nextLine();  
  
            System.out.print("Author: ");  
            String author = scanner.nextLine();  
  
            System.out.print("Price: ");  
            double price = scanner.nextDouble();  
  
            System.out.print("Number of Pages: ");  
            int numPages = scanner.nextInt();  
            scanner.nextLine(); // Consume newline  
  
            Book book = new Book(name, author, price, numPages);  
            books.add(book);  
        }  
  
        System.out.println("\nBook Details:");  
        for (Book book : books) {  
            System.out.println(book);  
        }  
  
        scanner.close();  
    }  
}









