Week 3

import java.util.Scanner;

class Books {

String name;

String author;

int price;

int numPages;

Books(String name, String author, int price, int numPages) {

this.name = name;

this.author = author;

this.price = price;

this.numPages = numPages;

}

public String toString() {

String name = "Book name: " + this.name + "\n";

String author = "Author name: " + this.author + "\n";

String price = "Price: " + this.price + "\n";

String numPages = "Number of pages: " + this.numPages + "\n";

return name + author + price + numPages;

}

}

public class Mains {

public static void main(String args[]) {

Scanner s = new Scanner(System.in);

System.out.print("Enter the number of books: ");

int n = s.nextInt();

Books b[] = new Books[n];

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

System.out.println("Enter details for book " + (i + 1) + ":");

System.out.print("Name: ");

String name = s.next();

System.out.print("Author: ");

String author = s.next();

System.out.print("Price: ");

int price = s.nextInt();

System.out.print("Number of pages: ");

int numPages = s.nextInt();

b[i] = new Books(name, author, price, numPages);

}

System.out.println("\nBook Details:");

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

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

}

System.out.println("Ruqaiyya Mahreen 1BM23EE044");

s.close();

}

}

