Create a class Book which contains four members: name, author, price, num-pages. Include a constructor to set the values for the numbers. Include a toString() method that could display the complete details of the book. Develop a Java program to create n book objects.

```java
import java.util.Scanner;
class Book
{
private String book_name;
private String author;
private double price;
private int no_of_pages;
public Book (String book_name, String author, double price,
int no_of_pages)
{
this.book_name = book_name;
this.author = author;
this.price = price;
this.no_of_pages = no_of_pages;
}
public String toString()
{
return ("------Book DETAILS-----\n Book name:" + book_name
+"\n" +" Author:" + author +"\n"+ "Price:"+ price+ "\n" + "Number
of Pages:" + no_of_pages +"\n"+ " -------. " );
}
}

public class Main
{
public static void main (String args[])
{
String book_name;
String author;
```

```java
int no-of pages;
double price;
Scanner sc = new Scanner (System.in);
int n;
System.out.print ("Enter the number of books:");
n = sc.nextInt();
sc.nextline();
Book[] b = new Book(n);
for (int i=0; i<n; i++)
{
System.out.print ("Enter book name:");
book-name = sc.nextline();
System.out.print ("Enter author's name:");
author = sc.nextline();
System.out.print ("Enter price of book:");
price = sc.nextDouble();
System.out.print ("Enter the number of pages of book:");
no-of-pages = sc.nextInt();
sc.nextline();
b[i] = new Book (book-name, author, price, no-of-pages);
System.out.println (b[i]);
}
}
}
```

```java
import java.util.Scanner;

class Book
{
    private String book_name;
    private String author;
    private double price;
    private int no_of_pages;

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

    public String toString()
    {
        return ("------------------BOOK DETAILS-------------------\nBook name:"+ book_name
+"\n"+"Author:"+author+"\n"+ "Price:"+price+"\n"+ "Number of Pages:"+no_of_pages+"\n"+
"--------------------------------------------------");
    }
}
public class Main {
    public static void main(String args[]) {
        String book_name;
        String author;
        int no_of_pages;
        double price;

        Scanner sc = new Scanner(System.in);
        int n;
        System.out.print("Enter the number of books:");
        n = sc.nextInt();
        sc.nextLine();
        Book [] b = new Book[n];
        for(int i=0;i<n;i++) {
            System.out.print("Enter book name:");
            book_name = sc.nextLine();
            System.out.print("Enter author's name:");
            author = sc.nextLine();
            System.out.print("Enter price of book:");
            price = sc.nextDouble();
            System.out.print("Enter the number of pages of book:");
            no_of_pages = sc.nextInt();
            sc.nextLine();
            b[i] = new Book(book_name,author,price,no_of_pages );
            System.out.println(b[i]);

        }

    }
}
```

```
Desktop — -zsh — 80×29

Book.java
Main.class
Main.java
Microsoft_Office_16.41.20091302_HomeStudent_Installer.pkg
dosbox.app
masm
[poojaraghu@Poojas-MacBook-Pro Desktop % java Main
Enter the number of books:2
Enter book name:Billionaire
Enter author's name:Roy
Enter price of book:650
Enter the number of pages of book:300
------------BOOK DETAILS----------------
Book name:Billionaire
Author:Roy
Price:650.0
Number of Pages:300
-------------------------------------
Enter book name:Crown
Enter author's name:Stephen
Enter price of book:550
Enter the number of pages of book:280
------------BOOK DETAILS----------------
Book name:Crown
Author:Stephen
Price:550.0
Number of Pages:280
-------------------------------------
poojaraghu@Poojas-MacBook-Pro Desktop %
```