LAB 3: Create a class Book which contains four members: name, author, price, num-pages. Include a constructor to set the values for the members. Include methods to set & get the details of the objects. 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 {
    String name;
    String author;
    int price;
    int numPages;

    public Book (String name, String author, int price, int numP) {
        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 = "No of Pages:" + this.numPages + "\n";
        return name + author + price + numPages;
    }
}
```

```java
public class Main {
    public static void main (String []args) {
        Scanner s = new Scanner (System.in);

        System.out.print ("Enter the no of books: ");
        int n = s.nextInt();

        Book b[] = new Book [n];

        for (int i = 0; i < n; i++) {
            System.out.print ("Enter name of the Book: ");
            String name = s.next();

            System.out.print ("Enter author of the Book: ");
            String author = s.next();

            System.out.print ("Enter price of the Book: ");
            int price = s.nextInt();

            System.out.print ("Enter No. of pages of the Book: ");
            int numPage = s.nextInt();

            b[i] = new Book (name, author, price, numPage);
        }
        System.out.println ("\n Book Details: ");
        for (int i = 0; i < n; i++) {
            System.out.println ("Book" + (i+1) + ": \n" + b[i]);
        }
    }
}
```

O/P

Enter the number of books : 2
Enter name of the book : jaua
Enter author of the book : John
Enter the price of the book : 250
Enter the number of pages of the book : 100
Enter name of the book : dbms
Enter author of the book : George
Enter the price of the book : 300
Enter the number of pages of the book : 150

Book details :
Book 1 :
Book name : jaua
Author name : John
Price : 250
Numbers of pages : 100

Book 2 :
Book name : dbms
Author name : george
Price : 300
Number of pages : 150

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