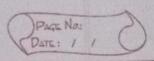Create a class book which contains 4 members
name, author, price, num-pg. Include a
constructor to set values of members. Include methods
to set and get the details of the objects.
Include a toString() method that could
display the complete details of the book.
Develop a program to create n books objects.

```java
import java.util.Scanner;

class book {
    String name;
    String auth;
    int price;
    int pg-no;

    book (String name, String auth, int price, int
            pg-no) {
        this.name = name;
        this.auth = auth;
        this.price = price;
        this.pg-no = pg-no; }

    public String toString() {
```

```java
        String bookDetails = "Book name:" + this.na
    + "\n" + "Author name:" + this.auth + "\
    + "Price" + this.price + "\n" + );
        return bookDetails;
    }
}

public class Main {
    public static void main (String args[])
    { Scanner s = new Scanner(system.in);
    System.out.println("Enter the number of book:");
    int n = s.nextInt();

    Book[] books = new Book[n];

    for(int i = 0; i < n; i++) {
        System.out.println("Enter details fo book
        + "(i+1));
        System.out.print("Name:");
        String name = s.next();
        System.out.print(Price: ");
        int price = s.nextInt();
        System.out.print("Number of pages");
        int pg num = s.nextInt();
```

```
books[i] = new Book (name, aut, price, pg-no);
{ System.out.println(" Details of the books");
for (i=0; i < n; i++):
    System.out.println(" Book " + (i+1) + " : \n"
    + books[i].to String()."); }
}
}
```

Output

Enter the number of books : 2

Book : 1
Name : Eragon
Author : Christopher
Pg-No : 2050
Price : 450

Book : 2
Name : Brisingr
Author : Pam
Pg-No : 2100
Price : 500

Details of the books:
Book 1   Name : Eragon
         Author : Christopher
         Pg-No : 2050

Price : 450

Book 2 : Name : Brisingr
Author : Pam
Pg-No : 2100
Price : 500

```
C:\Users\Languagr lab 22\Desktop\NEWWW>java Main
Enter the number of books: 2
Enter details for Book 1
Name: eragon
Author: harson
Price: 450
Number of pages: 280
Enter details for Book 2
Name: brisimgr
Author: nidhi
Price: 375
Number of pages: 350
```

Code:

import java.util.Scanner;

class Book {

   String name;

   String author;

   int numPages;

   int price;

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

     this.name = name;

     this.author = author; // Added missing semicolon

     this.price = price;

     this.numPages = numPages;

   }

   public String toString() {

     String bookDetails = "Book name:" + this.name + "\n" + "Author name:" + this.author + "\n" + "Price:" + this.price

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

```java
        return bookDetails;
    }
}


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

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

        Book[] books = new Book[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();

            books[i] = new Book(name, author, price, numPages);
        }
        System.out.println("\nDetails of the books:");
        for (int i = 0; i < n; i++) {
            System.out.println("Book " + (i + 1) + ":\n" + books[i].toString());
        }
    }}
```