```
// create a class Book which contains four members:
name, author, price, num-pages. Include a constructor
to set the values for the members. Include a
constructor to set the v methods to set and
get the details of the objects. Include a
to string() method that could display the
complete details of the book. Develop a Java
program to create n book objects.


import java.util.Scanner;


class BOOKS {
        string name;
        string author;
        int price;
        int numPages;
            void BOOKS(String name, String author, int price
                                    int num page) {
            this.name = name;
            this.author = author;
            this.price = price;
            this.numPages = numPages;
        }


        public String to string()
        {
            String name, author, price, numpages;
            name = "Book name: " + this.name + "\n";
            author = "Author name:" + this.author + "in";
            price = "Price: " + this.price + "\n";
            numpages =
```

```java
Public string to string() {
    String bookDetails = "Book name: " + this.nam
                                            + "\n"
        + "Author name: " + this.author + "\n"
        + "Price: " + this.price + "\n"
        + "Number of Pages: " + this.numPages + "\n";
    return book Details;
    }
}


Public class lab3 {
    Public static void main (String[] args) {
        Scanner scanner = new Scanner (system.in);

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

        Book[] books = new Book [n];

        for (int i=0; i<n; i++) {
            System.out.Print(" Enter name of the book
                                                : ");
            Scanner.nextLine();
            String name = scanner.nextLine();

            System.out.Print(" Enter author of the book:")
            Scanner.nextLine();
            String author = Scanner.nextLine();

            System.out.Print(" Enter the Price of book:")
            int Price = Scanner.nextInt();

            System.out.Print("Enter the number of pages of
                    the book: ^");
```
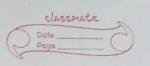
```java
int numPages = Scanner.nextInt();

books[i] = new Book(name, author, price,
                    numPages);
}

System.out.Println("\n Book Details:");
for(int i=0; i<n; i++) {
    System.out.Println("Book" + (i+1) + ":\n" +
                       books[i]);
}
?
}
```

sample out put :-

Enter number of pages Books : 2
Enter name of the book : the Legend
Enter name of author : unknown
Enter Price of the book : 999
Enter number of pages of book : 420
Enter name of the book : Malgudi days
Enter author name of book : Shankar nag
Enter Price of the book : 1000
Enter number of pages of book : 500

Book Details :

Book 1 :

Book name : the Legend
autho name : unknown
price : 999
Numb. of pages : 420

BOOK 2 :

Book name : malgudi day s
author name : Shankar nag
price : 1000
Number of pages : 500