

```

import java.util.Scanner;
class Book{
String name,author;
int price,num_pages;
Book(){
}
void details(){
Scanner sc = new Scanner(System.in);
System.out.println("Enter name of the book:");
name=sc.nextLine();
System.out.println("Enter author name:");
author = sc.nextLine();
System.out.println("Enter price:");
price = sc.nextInt();
System.out.println("Enter number of pages:");
num_pages=sc.nextInt();
sc.nextLine();
}
void getdetails(){
System.out.println("Name of the book:"+name);
System.out.println("Author name:"+author);
System.out.println("price of the book:"+price);
System.out.println("Number of pages in the book:"+num_pages);
}
public String toString(){
return "Book name:"+name+"\n"+"Author:"+author+"\n"+"price:"+price+"\n"+"Number of pages:"+num_pages;
}
}
class MyBook{
public static void main(String args[]){
Scanner sc=new Scanner(System.in);
System.out.println("Enter the number of Books:");
int n=sc.nextInt();
sc.nextLine();
Book[] books = new Book[n];
for(int i=0;i<n;i++){
books[i]=new Book();
books[i].details();
books[i].getdetails();
}
System.out.println("\n All Book details:");
for(Book book:books){
System.out.println(books);
}
sc.close();
}
}

```

```
D:\24BECS409>javac MyBook.java
```

```
D:\24BECS409>java MyBook
```

```
Enter the number of Books:
```

```
10
```

```
Enter name of the book:
```

```
java
```

```
Enter author name:
```

```
tagoor
```

```
Enter price:
```

```
200
```

```
Enter number of pages:
```

```
300
```

```
Name of the book:java
```

```
Author name:tagoor
```

```
price of the book:200
```

```
Number of pages in the book:300
```

Book details Lab program - 3

```
import java.util.Scanner;
class Book {
    String name, author;
    int price, num_pages;
    Book() {}
    void details() {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter name of the Book:");
        System.out.println(name = sc.nextLine());
        System.out.println("Enter author name:");
        author = sc.nextLine();
        System.out.println("Enter price:");
        price = sc.nextInt();
        System.out.println("Enter number of pages:");
        num_pages = sc.nextInt();
        sc.nextLine();
    }
    void getDetails() {
        System.out.println("Name of the book: " + name);
        System.out.println("Author Name: " + author);
        System.out.println("price of the book: " + price);
        System.out.println("Number of pages in the book: " + num_pages);
    }
    public String toString() {
        return "Book Name: " + name + "\n" +
            "Author: " + author + "\n" +
            "price: " + price + "\n" +
            "Number of pages: " + num_pages;
    }
}
```



```

class MyBook {
    public static void main (String args[]) {
        Scanner sc = new Scanner (System.in);
        System.out.println ("Enter the no of books:");
        int n = sc.nextInt();
        sc.nextLine();
        Book[] books = new Book[n];
        for (int i = 0; i < n; i++) {
            books[i] = new Book();
            books[i].details();
            books[i].getDetails();
        }
        System.out.println ("\n All Book details:");
        for (Book book : books) {
            System.out.println (book);
        }
        sc.close();
    }
}

```

o/p : Enter the number of Books : 10  
 Enter name of the book : Java  
 Enter author name : tagore  
 Enter price : 200  
 Enter no. of pages : 300  
 Details of the book:  
 Name of the book : java  
 Author Name : tagore  
 price of the book : 200  
 No. of pages in the book : 300