3) Create class Book which contains four members : name, author, price, num_pages, Include a constructor to set the values get the members. Include methods to ~~accept and display details~~ ~~and method to calculate~~ ~~scores of a student~~ to set and get 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.

A-
```java
import java.util*;
class Book1
{ String name, author
  double price;
  int num_pages;
  public Book1()
  {  this.name = " ";
     this.author = " ";
     this.price = 0.0;
     this.num_pages = 0;
  }

public void details()
{   Scanner in = new Scanner(System.in)
    System.out.println("Enter name of book \n");
name = in.nextLine();
    System.out.println("Enter the name of author of book \n");
author = in.nextLine();
    System.out.println("Enter price of book \n");
price = in.nextDouble();
    System.out.println("Enter number of pages of book \n");
num_pages = in.nextInt();
}
    public void ToString()
    {   System.out.println("Details of the book \n");
        System.out.println("Name of book:" + name);
```

```java
System.out.println(" @ Name of author of book : "+author);
System.out.println(" Price of book : " + price) ;
System.out.println(" No. of pages of book : "+num_pages);
}


public static void main(String args[])
{
    int i=0;
    int n;
    Book1 obj = new Book1();
    Scanner ob1 = new Scanner(System.in);
    System.out.println("Enter number of books \n");
    n=ob1.nextInt();
    for(i=1; i<=n; i++)
    {
        obj.details();
        obj.ToString();
    }
}
}
```

```java
import java.util.*;
class Book1
{
String name, author;
double price;
int num_pages;
public Book1()
{
this.name="";
this.author="";
this.price=0.0;
this.num_pages=0;
}
public void details()
{
Scanner in=new Scanner(System.in);
System.out.println("Enter the name of the book\n");
name=in.nextLine();
System.out.println("Enter the name of the author of the book\n");
author=in.nextLine();
System.out.println("Enter the price of the book\n");
price=in.nextDouble();
System.out.println("Enter the number of pages of the book\n");
num_pages=in.nextInt();
}
public void ToString()
{
System.out.println("Details of the book\n");
System.out.println("Name of the book:"+name);
System.out.println("Nmae of the author of the book: "+author);
```

```
System.out.println("Enter the name of the author of the book\n");
author=in.nextLine();
System.out.println("Enter the price of the book\n");
price=in.nextDouble();
System.out.println("Enter the number of pages of the book\n");
num_pages=in.nextInt();
}
public void ToString()
{
System.out.println("Details of the book\n");
System.out.println("Name of the book:"+name);
System.out.println("Nmae of the author of the book: "+author);
System.out.println("Price of the book:"+price);
System.out.println("No. of pages of the book:"+num_pages);
}
public static void main(String args[])
{
int i=0,n;
Book1 obj= new Book1();
Scanner ob1=new Scanner(System.in);
System.out.println("Enter the number of books\n");
n=ob1.nextInt();
for(i=1;i<=n;i++)
{
obj.details();
obj.ToString();
}
}
}
```

```
Microsoft Windows [Version 10.0.18363.1139]
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C:\Users\sohan>cd C:\Users\sohan\Desktop\Java Programs\book1

C:\Users\sohan\Desktop\Java Programs\book1>javac Book1.java

C:\Users\sohan\Desktop\Java Programs\book1>java Book1
Enter the number of books

3
Enter the name of the book

book a
Enter the name of the author of the book

abc
Enter the price of the book

988
Enter the number of pages of the book

480
Details of the book

Name of the book:book a
Nmae of the author of the book: abc
Price of the book:988.0
No. of pages of the book:480
Enter the name of the book

book b
Enter the name of the author of the book

def
Enter the price of the book

365
Enter the number of pages of the book

130
Details of the book

Name of the book:book b
Nmae of the author of the book: def
Price of the book:365.0
No. of pages of the book:130
Enter the name of the book

book3
```

```
988
Enter the number of pages of the book

480
Details of the book

Name of the book:book a
Nmae of the author of the book: abc
Price of the book:988.0
No. of pages of the book:480
Enter the name of the book

book b
Enter the name of the author of the book

def
Enter the price of the book

365
Enter the number of pages of the book

130
Details of the book

Name of the book:book b
Nmae of the author of the book: def
Price of the book:365.0
No. of pages of the book:130
Enter the name of the book

book3
Enter the name of the author of the book

xyz
Enter the price of the book

2445
Enter the number of pages of the book

1001
Details of the book

Name of the book:book3
Nmae of the author of the book: xyz
Price of the book:2445.0
No. of pages of the book:1001

C:\Users\sohan\Desktop\Java Programs\book1>cd C:\Users\sohan\Desktop\Java Programs\book1
```