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 and 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;
double price;
int num_pages;
Scanner s1=new Scanner(System.in);
Book(String name, String author, double price, int num_pages)
{
this.name=name;
this.author=author;
this.price=price;
this.num_pages=num_pages;
}
void display()
{
System.out.println(" the name of the book:"+name);
System.out.println(" the name of the author:"+author);
System.out.println(" the price of the book:"+price);
System.out.println(" the num_pages of the book:"+num_pages);
}
void accept()
{
System.out.println("Enter the name of the book:");
name=s1.next();
```

```java
System.out.println("Enter the name of the author:");

author=s1.next();

System.out.println("Enter the price of the book:");

price=s1.nextDouble();

System.out.println("Enter the num_pages of the book:");

num_pages=s1.nextInt();

}

}

class bookarray

{

public static void main(String xx[])

{

Scanner s1=new Scanner(System.in);

int i;int n;

System.out.println("Enter the number of books:");

n=s1.nextInt();

Book a[]=new Book[n];

for(i=0;i<n;i++){

a[i]= new Book("a","c",12.9,23);

a[i].accept();

System.out.println("The details of the book is");

a[i].display();

}

}

}
```

Output:

```
C:\Users\Lakshitha.L\Desktop>java bookarray
Enter the number of books:
2
Enter the name of the book:
abc
Enter the name of the author:
xyz
Enter the price of the book:
90
Enter the num_pages of the book:
100
The details of the book isBook name:   abc   author:   xyz   price:   90.0   numpages:   100
Enter the name of the book:
bbb
Enter the name of the author:
ccc
Enter the price of the book:
99
Enter the num_pages of the book:
100
The details of the book isBook name:   bbb   author:   ccc   price:   99.0   numpages:   100
```