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 to String( ) method that could display the complete details of the book. Develop a Java program to create n book objects.

3Create 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 to String () method that could display the complete details of the book. Develop a Java program to create n book object.

```java
import java.util.Scanner;
public class book {

String name, author;
int price, num_pages;
book (){
    this.name = "hi";
    this.author = null;
    this.price = 0;
    this.num_pages = 0;
}

void input (){
Scanner s = new Scanner (System.in);
System.out.println ("Enter the name, author, price and
number of pages of the book in the given order:");
    this.name = s.next();
    this.author = s.next();
    this.price = s.nextInt();
    this.num_pages = s.nextInt();
}

public String toString (){
    return name + " " + author + " " + price + " " + num_pages;
}
}
class book1{
    public static void main (String[] args){
```

```java
int size;
Scanner ss = new Scanner (System.in);
System. out. println ("Enter the number of books : ");
size = ss. nextInt ();

book books = new book [size];
for (i=0; i< size ; i++){
    books [i] = new book ();
    books [i]. input ();
}

System. out. println (" The details of the book are : ");
for (i=0; i< size ; i++)
{
    System. out. println (books [i]);
}
}
}.
```

Output :
Enter the number of books
2
Enter the name, author, price and number of pages of the book in given order:
Shivaprasad   Tagore   80   100
Enter the name, author, price and number of pages of the book in given order:
Manish   Kalam   80   100

The details of the book are :
Shivaprasad   Tagore   80   100
Manish   Kalam   80   100

Output:

```
C:\Users\thris\OneDrive\Desktop\dhavan sk>cd C:\Users\thris\OneDrive\Desktop\dhavan sk

C:\Users\thris\OneDrive\Desktop\dhavan sk>javac book.java

C:\Users\thris\OneDrive\Desktop\dhavan sk>java book1
Enter the number of books:
2
Enter the name, author, price and number of pages of the book in the given order:
Shivaprasad  Tagore 80 100
Enter the name, author, price and number of pages of the book in the given order:
Manish  Kalam 80 100
The details of the book are:
Shivaprasad Tagore 80 100
Manish Kalam 80 100
```