Q.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.*;
import java.lang.*;
class Book
{

    String name,author; int price,num_pages;


    void getval()
    {

    Scanner sc=new Scanner(System.in);
     System.out.println("Enter book name");
     name=sc.next();
     System.out.println("Enter author name");
     author=sc.next();
     System.out.println("Enter price ");
     price=sc.nextInt();
     System.out.println("Enter No. of pages");
     num_pages=sc.nextInt();
    }
   public String toString()
    {
    return name+" "+author+" "+price+" "+num_pages+" ";
    }
   void display(Book o)
    {
    System.out.println(o);
    }
}


class bookvck
{
  public static void main(String args[])
   {
     Scanner in=new Scanner(System.in);
```

```
    System.out.println("Enter the no. of book objects");
    int n=in.nextInt();
    Book[] ob=new Book[n];
    for(int i=0;i<n;i++)
    ob[i]=new Book();
    for(int i=0;i<n;i++)
    { ob[i].getval();}
    for(int i=0;i<n;i++)
    { ob[i].display(ob[i]);}
  }
}
```

Output

```
C:\Users\Admin\Desktop\New folder>java bookvck
Enter the no. of book objects
2
Enter book name
ramayan
Enter author name
valmiki
Enter price
1222
Enter No. of pages
577
Enter book name
mahabarat
Enter author name
ashutosh
Enter price
566
Enter No. of pages
788
ramayan valmiki 1222 577
mahabarat ashutosh 566 788

C:\Users\Admin\Desktop\New folder>
```