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 books 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 the 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 to String()
  {
    return name + " " + author + " " + price + " " + num_pages + "
  }
  void display(Book o)
  {
    system.out.Println(o);
  }
}

class Book VCK
{
  Public static void main(String args[])
  {
```

```java
System. Out. Reintln ["[=
int n = cn . nextln ();
Book [] ob = new Book
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] )
}
}
```

<u>Output</u>

Enter the no of book objects

1

Enter book Name
Macbeth
Enter outhor name
Shakesphere
Enter price
400
Enter No. of pages
600
Macbeth, Shakesphere, 400, 600

```
sers\hp\OneDrive\Desktop\1bm21cs056>java Bookvck
r the no. of book objects

r book name:
e in the wonderland
r author name
r price
ption in thread "main" java.util.InputMismatchException
        at java.base/java.util.Scanner.throwFor(Scanner.java:943)
        at java.base/java.util.Scanner.next(Scanner.java:1598)
        at java.base/java.util.Scanner.nextInt(Scanner.java:2263)
        at java.base/java.util.Scanner.nextInt(Scanner.java:2217)
        at Book.getval(Bookvck.java:19)
        at Bookvck.main(Bookvck.java:47)

sers\hp\OneDrive\Desktop\1bm21cs056>java Bookvck
r the no. of book objects

r book name
eth
r author name
esphere
r price

r No. of pages

eth shakesphere 400 600

sers\hp\OneDrive\Desktop\1bm21cs056>
```