

QUESTION:

3) Create a book which contains four members: name, author, price, num. of pages. Include the constructor to set the values for the members. Include methods to add & get the details of objects. Include a toString() method that could display the complete book details. Develop a java program to create n' book objects.

CODE:

```
import java.util.Scanner;
import java.io.*;
class Book
{
    String name, author;
    float price;
    int num_pages;
}

void getval()
{
    Scanner s = new Scanner(System.in);
    System.out.println("Enter book name");
    name = s.next();
    System.out.println("Enter author name");
    author = s.next();
    System.out.println("Enter price");
    price = s.nextFloat();
    System.out.println("Enter no. of pages");
    num_pages = s.nextInt();
}

public String toString()
{
    return name + " " + author + " " + price + " " +
        num_pages + " ";
}
```

```

void display (Book o)
{
    System.out.println(o);
}

class Book_vtk
{
    public static void main (String[] args)
    {
        Scanner s = new Scanner(System.in);
        System.out.print("Enter no. of book objects");
        int n = s.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].getdata();
        for (int i=0; i<n; i++)
            ob[i].display(ob[i]);
    }
}

```

OUTPUT:

```

C:\Users\dhru2\OneDrive\Desktop\1BM21CS057>javac LAB3.java

C:\Users\dhru2\OneDrive\Desktop\1BM21CS057>java Bookvck
Enter the no. of book objects
2
Enter book name
lotr
Enter author name
Tolkien
Enter price
1000
Enter No. of pages
999
Enter book name
harryPotter
Enter author name
jkRowling
Enter price
880
Enter No. of pages
456
Name: lotr Author: Tolkien price: 1000 Number of pages: 999
Name: harryPotter Author: jkRowling price: 880 Number of pages: 456

```