WEEK 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.

```
import java.util.Scanner;
class Book{
String name, author;
int num_pages;
float price;
Book(String n, String a, int num, float p){
n=name;
a=author;
num=num pages;
p=price;
Book(){}
void accept(){
Scanner s=new Scanner(System.in);
System.out.println("Enter book name");
name=s.nextLine();
System.out.println("Enter book author");
author=s.nextLine();
System.out.println("Enter number of pages and price of book");
num_pages=s.nextInt();
price=s.nextFloat();
}
void get(){
System.out.println("Title: "+name);
System.out.println("Author: "+author);
System.out.println("Number of pages: "+num pages);
System.out.println("Price: "+price);
public String toString(){
```

```
return ("Title: "+name+"\nAuthor: "+author+"\nNumber of pages: "+num_pages+"\nPrice:
"+price);
}
}
class Lab_3{
public static void main(String x[]){
int n;
Scanner s=new Scanner(System.in);
System.out.println("Enter number of books to be created");
n=s.nextInt();
Book[] b=new Book[n];
for(int i=0;i< n;i++){
b[i]=new Book();
b[i].accept();
}
for(int i=0;i< n;i++){
System.out.print("\nBook entry number "+(i+1)+"\n");
b[i].get();
}
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