Darshan Ningthoujau

LBM19CS041

```java
import java.util.Scanner;

class Book
{
    private String name;
    private String author;
    private double price;
    private int num_pages;

    Book(String s, String a, double p, int n)
    {
        name = s;
        author = a;
        price = p;
        num_pages = n;
    }
    Book()
    {
        name = "NULL";
        author = "NULL";
        price = 0;
        num_pages = 0;
    }
    void setdata()
    {
        Scanner input = new Scanner(System.in);
        System.out.println("Enter the name of the
                                 book:");

        name = input.next();
        input.nextLine();
```

```java
        System.out.println("Enter the author of the book:");
        author = input.next();
        input.nextLine();
        System.out.println("Enter the price of the book:");
        price = input.nextDouble();
        System.out.println("Enter the number of pages
                                in the book:");

        num_pages = input.nextInt();
    }
    public String toString()
    {
        return ("name of book:"+name + "\n author:"
            + author +"\n price :"+price+"\n number
            of pages:" +num_pages);

    }

}
public class lab
{
    public static void main (String args[])
    {
        Scanner xx= new Scanner (System.in);
        System.out.println ("Enter the number of books:");
        int n = xx.nextInt();
        Book b[]= new Book[n];
        (int i)
```

```java
System.out.println("Enter the details of the
for (i=0; i<n; i++)        book: ");
{
    System.out.println("Enter the details of the"+(i+1)+"
                            book");

    b[i]=new Book();
    b[i].setdata();
}
System.out.println("The detailsof the books are: ");
for (i=0; i<n; i++)
{
    System.out.println("the details of the"+(i+1)+"
                            book is: ");

    System.out.println( b[i]);
}
}
}
```