NAME: T. VAGHDEVI PRAVEEN
USN: IBM19CS175
SIGNATURE: Vaghdevi::

OOJ

LAB-3

URBAN
EDGE __/__/__

```java
import java.util.*;
class book {
String name;
string author;
double price;
int num_pages;
public book() {
name = "java the complete reference";
author = "herbert Schildt";
price = 1000.0;
num_pages = 1882;
}

public book(string name, string author, double price,
                int num_pages) {
this. name = name;
this. author = author;
this. price = price;
this. num_pages = num_pages;
}

void set details () {
Scanner x = new Scanner (system.in);
name = x. next line ();
author = x. next line ();
price = x. next double ();
num_pages = x. next Int ();
}

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

```java
public class Main {
public static void main (String []args) {
int n = 0;
Scanner x = new Scanner (System.in);
System.out.println ("enter the value for n:");
n = x.nextInt ();
book [] b = new book[n];
System.out.println ("enter the details of book(name,
                    author,price,num_pages"));
for (int i=0; i<n; i++) {
b[i] = new book ();
System.out.println (" details of "+(i+1)+" book:");
b[i].set details ();
}

System.out.println("the details of the book are:");
for (int i=0; i<n; i++) {
System.out.println((i+1)+ " book:");
System.out.println (b[i]);
}
}
}
```