

Lab 5 :-

```
import java.util.Scanner;
```

```
class Book
```

```
{
```

```
    private String name, author;
```

```
    private double price;
```

```
    private int num-pages;
```

```
    Scanner input = new Scanner(System.in);
```

```
    Book ()
```

```
{
```

```
        name = "Harry Potter";
```

```
        author = "J.K. Rowling";
```

```
        price = 265.05;
```

```
        num-pages = 223;
```

```
}
```

```
    public String toString ()
```

```
{
```

```
        return ("NAME OF THE BOOK IS : " + name +
```

```
                "AUTHOR OF THE BOOK IS : " + author +
```

```
                "PRICE OF THE BOOK IS : " + price +
```

```
                "NUMBER OF PAGES OF THE BOOK ARE : " + num-pages
```

```
    }
```

```
void getdetails()
```

```
{
```

```
System.out.println("Enter the name of the book");
```

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

```
System.out.println("Enter the author name");
```

```
author = input.next();
```

```
System.out.println("Enter the price of the book");
```

```
price = input.nextDouble();
```

```
System.out.println("Enter the number pages of the book");
```

```
num-pages = input.nextInt();
```

```
System.out.println(" ");
```

```
}
```

```
void displaydetails()
```

```
{
```

```
System.out.println("NAME OF THE BOOK IS: "+name);
```

```
System.out.println("AUTHOR OF THE BOOK IS: "+author);
```

```
System.out.println("PRICE OF THE BOOK IS: "+price);
```

```
System.out.println("NUMBER OF PAGES OF THE BOOK ARE: "+num-pages);
```

```
System.out.println(" ");
```

```
}
```

```
}
```

class BOOKmain

{

public static void main(String args[])

{

int n;

Scanner input = new Scanner(System.in);

Book b1 = new book;

System.out.println(b1);

System.out.println("Enter the number of books");

n = input.nextInt();

Book s[] = new BOOK[n];

for (int i = 0; i < n; i++)

{

s[i] = new Book();

System.out.println("Enter the details of book" + (i+1));

s[i].getdetails();

}

for (int i = 0; i < n; i++)

{

System.out.println("Details of book" + (i+1) + "are");

s[i].displaydetails();

}

}