

*labprog3 - Notepad

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//lab3

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

```
class Book
```

```
{
```

```
    String name,author;
```

```
    int price;
```

```
    int num_pages;
```

```
    Book()
```

```
    {
```

```
        name=" ";
```

```
        author=" ";
```

```
        price=0;
```

```
        num_pages=0;
```

```
    }
```

```
    public void getDetails()
```

```
    {
```

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

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

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

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

```
        System.out.println("Enter price and no. of pages");
```

```
        price=sc.nextInt();
```

```
        num_pages=sc.nextInt();
```

```
    }
```

```
    public String toString()
```

```
    {
```

```
        return (" Name:" + name + " Author:" + author + " Price:" + price + " No. of pages:" + num_pages);
```

```
    }
```

```
}
```

```
class BookObj
```

```
{
```

```
    public static void main(String args[])
```

```
    {
```

```
        int n;
```

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

```
        System.out.println("Enter no. of books");
```

```
        n=sc.nextInt();
```

```
        Book b[]=new Book[n];
```

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

```
        {
```

```
            b[i]=new Book();
```

```
            b[i].getDetails();
```

```
        }
```

I

```
Book b[]=new Book[n];  
for(int i=0;i<n;i++)  
{  
    b[i]=new Book();  
    b[i].getDetails();  
}  
for(int i=0;i<n;i++)  
    System.out.println(b[i]);  
}
```



Type here to search



Command Prompt

```
C:\Users\Amit R>javac labprog3.java
```

```
C:\Users\Amit R>java BookObj
```

```
Enter no. of books
```

```
2
```

```
Enter name of book and author
```

```
harry potter
```

```
Enter price and no. of pages
```

```
400
```

```
50
```

```
Enter name of book and author
```

```
rr
```

```
abc
```

```
Enter price and no. of pages
```

```
45
```

```
78
```

```
Name:harry Author:potter Price:400 No. of pages:50
```

```
Name:rr Author:abc Price:45 No. of pages:78
```

```
C:\Users\Amit R>_
```