

J lab3.java > lab3

```
1  import java.lang.reflect.Array;
2  import java.util.ArrayList;
3  import java.util.Scanner;
4
5  class Student{
6      private int prn;
7      private String name;
8      private int marks;
9
10     //Constructor
11     Student(int prn,String name,int marks)
12     {
13         this.prn=prn;
14         this.name=name;
15         this.marks=marks;
16     }
17
18     public void display(){
19         System.out.println("PRN: "+prn);
20         System.out.println();
21         System.out.println("Marks: "+marks);
22     }
23
24     //Inbuilt function
25     public String toString()
26     {
27         return "PRN: "+prn +"\t" + "Name: "+name +"\t"+"Marks: "+marks;
28     }
29
30     }
31 public class lab3{
32     Run | Debug
33     public static void main (String[] args){
34
35         ArrayList<Student> studentList=new ArrayList<Student>();
36         Scanner sc = new Scanner(System.in);
37
38         for (int i=0; i<3;i++){
39             System.out.println("Enter prn of student "+i+1);
40             int prn = sc.nextInt();
```



```
public class lab3{
```

Run | Debug

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

```
    ArrayList<Student> studentList=new ArrayList<Student>();
```

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

```
    for (int i=0; i<3;i++){
```

```
        System.out.println("Enter prn of student "+i+1);
```

```
        int prn = sc.nextInt();
```

```
        System.out.println("Enter name of student with prn "+ prn);
```

```
        String name = sc.nextLine();
```

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

```
        int marks = sc.nextInt();
```

```
        studentList.add(new Student(prn,name,marks));
```

```
    }
```

```
    studentList.add(new Student(prn:101, name:"Kedar", marks:90));
```

```
    studentList.add(new Student(prn:102, name:"K", marks:9));
```

```
    for (Student student:studentList)
```

```
    {
```

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

```
        //student.display();
```

```
    }
```

```
}
```

```
}
```

12
Enter name of student with prn 12
Enter the marks of
23
Enter prn of student 21

1
Enter name of student with prn 1
Enter the marks of
23

PRN: 22 Name: Marks: 32
PRN: 12 Name: Marks: 23
PRN: 1 Name: Marks: 23
PRN: 101 Name: Kedar Marks: 90
PRN: 102 Name: K Marks: 9

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