

LAB-6

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1B19CS010

```

package CIE;
import java.util.*;
public class interah extends student
{
    public int a[];
    public void input()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter CIE marks (5 subjects) out of 50");
        a = new int[5];
        for(int i=0; i<5; i++)
            a[i] = sc.nextInt();
    }
}

```

```

}
package CIE;
import java.util.*;
public class student
{
    public String un, name;
    public int sem;
    public void inputd()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter un, name, sem");
        un = sc.next();
        name = sc.next();
        sem = sc.nextInt();
    }
}

```

```
public void display()
```

```
{  
    system.out.println("ush="+t.ush+"name="+t.name+"sex="+t.sex);  
}
```

```
package SEE;
```

```
import CIE.*;
```

```
import java.util.*;
```

```
public class extra extends CIE.Student
```

```
{  
    public int a[];
```

```
    public void input()
```

```
{
```

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

```
    System.out.println("Enter numbers (5 numbers) out of 100");
```

```
    a = new int[5];
```

```
    for (int i = 0; i < 5; i++)
```

```
        a[i] = sc.nextInt();
```

```
}
```

```
}
```

```
import CIE.*;
```

```
import SEE.*;
```

```
import java.util.*;
```

```
class total
```

```
{
```

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

```
{
```

```

Scanner sc = new Scanner(System.in);
System.out.println("Enter no. of students");
int n = sc.nextInt();
CIE.internals in[] = new CIE.internals[n];
SEE.extendals ex[] = new SEE.extendals[n];
int total;

```

```

for (int j = 0; j < n; j++)
{
    System.out.println("Enter " + (j + 1) + " student details:");
    in[j] = new CIE.internals();
    ex[j] = new SEE.extendals();
    in[j].input();
    ex[j].input();
}

```

```

System.out.println("\n");
for (int j = 0; j < n; j++)
{
    in[j].display();
    System.out.println("In student " + (j + 1) + " total =");
    for (int k = 0; k < 5; k++)
        System.out.println(in[j].a[k] + (ex[j].a[k] / 2));
}

```