

store  
67

Lab 6

```
package CIE;  
import java.util.*;  
public class student
```

```
{  
    String name;  
    String usn;  
    int sem;
```

```
    public void read();  
}
```

```
    Scanner sc = new Scanner(System.in);  
    System.out.println("Enter name: ");  
    name = sc.next();
```

```
    System.out.println("Enter the semester: ");  
    sem = sc.nextInt();
```

```
    System.out.println("Enter usn: ");  
    usn = sc.next();  
}
```

```
    public void display()
```

```
{  
    System.out.println("Student details:");  
    System.out.println("Name: " + name + " USN: " +  
        usn + " sem: " + sem);  
}
```

}



```
public class internals extends student
```

```
{  
    public double csem[];  
    public void display()
```

```
{  
        csem = new double[5];  
        Scanner t = new Scanner(System.in);  
        for (int i = 0; i < 5; i++)  
        {
```

```
            System.out.print("CIE marks for " + i + "  
                                "subject : ");
```

```
            csem[i] = t.nextDouble();  
        }  
    }
```

```
package SEE;
```

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

```
import CIE.*
```

```
public class Internals CIEStudent
```

```
{  
    public double seem[];
```

```
    seem = new Double[5];
```

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

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

```
        System.out.print("SEE marks for " + i + " + "subject : ");  
        seem[i] = sc.nextInt();  
    }
```



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```
import CIE.*;
import SEE.*;
import java.util.*;
class total marks
{
    public static void main(String args[])
    {
        int n;
        Scanner s = new Scanner(System.in);
        System.out.print("Enter number of students");
        n = s.nextInt();
        CIE.Student st[] = new CIE.Student[n];
        CIE.Internals in[] = new CIE.Internals[n];
        SEE.Externals e[] = new SEE.Externals[n];
        for(int i = 0; i < n; i++)
        {
            st[i] = new CIE.Student();
            in[i] = new CIE.Internals();
            e[i] = new SEE.Externals();
            st[i].display;
            in[i].display;
            e[i].display;
            Sys.out.print("Total marks of student"
                + st[i].name + " in 1 subject");
            for(int j = 0; j < 5; j++)
            {
                print((in[i].sum[j] + (e[i].sum[j]/2))
                    27)
```