

```
package CIE;
```

```
import java.util.*  
public class student  
{
```

```
    public String usn, name;  
    public int sem;
```

```
    public void input() {
```

```
        Scanner sc = new Scanner(System.in);  
        System.out.println("Enter usn, name,  
        sem");  
        usn = sc.next();  
        name = sc.next();  
        sem = sc.nextInt();  
    }
```

```
    public void display() {  
        System.out.println("usn = " + usn + "  
        name = " + name + " sem = " + sem);  
    }
```

```
}
```

```
public class internals extends student  
{
```

```
    public int a[];  
    public void input() {
```

```
        Scanner sc = new Scanner(System.in);  
        System.out.println("Enter ic marks");  
        a = new int[5];
```



```
for (int i=0; i<5; i++)
    a[i] = sc.nextInt();
}
```

```
package SEE;
import CIE.*;
import java.util.*;
```

```
public class external extends CIE {
    public int a[];
    public void input()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter see marks");
        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 the number
of students");
int n = sc.nextInt();
CIE.internals in[] = new CIE.internals[n];
SEE.internals ex[] = new SEE.internals[n];
int total;

```

```

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

```

```

for (int j = 0; j < n; j++)
{
    in[j].display();
    for (int k = 0; k < 5; k++)
        s.o.pln(in[j].a[k] + (ex[j].a[k] / 2));
}
}

```