

```

package CIE;
public class Student
{
    public String name, USN;
    public int sem;
}

```

```

package CIG;
import java.util.Scanner;
public class Internals extends Student
{
    public int cie[] = new int[5];
    Scanner get = new Scanner(System.in);
    public void get()
    {
        System.out.println("Enter Details:");
        System.out.println("USN:");
        USN = get.next();
        System.out.println("Name:");
        name = get.next();
        System.out.println("SEM:");
        sem = get.nextInt();
        System.out.println("CIE MARKS");
        for (int i=0; i<5; i++)
        {
            System.out.println("Subject " + (i+1));
            cie[i] = get.nextInt();
        }
    }
    public void disp()
    {
        System.out.println("\n USN:" + USN + "\n Name:" + name
        + "\n SEMESTER" + sem + "\n CIE");
        for (int i=0; i<5; i++)
        {
            System.out.println("\t\t", cie[i]);
        }
    }
}

```

```
package SEE;  
import java.util.Scanner;  
public class Externals extends CIE.Student  
{  
    public int see[] = new int[5];  
    Scanner get = new Scanner(System.in);  
  
    public void getm()  
    {  
        for(int i=0; i<5; i++)  
        {  
            System.out.println("Subject " + (1+i));  
            see[i] = get.nextInt();  
        }  
    }  
  
    public void dispn()  
    {  
        for(int i=0; i<5; i++)  
        {  
            System.out.println("At", see[i]);  
        }  
    }  
}
```



```

import java.util.Scanner;
import CIE.*;
import SEE.*;
class TotalMarks
{
    public static void main (String args[])
    {
        Scanner get = new Scanner (System.in);
        int n;
        System.out.println ("Enter no. of students:");
        n = get.nextInt();
        CIE.Internals ints[] = new CIE.Internals [n];
        SEE.Externals exts[] = new SEE.Externals [n];
        for (int i=0; i<n; i++)
        {
            ints[i] = new CIE.Internals();
            exts[i] = new SEE.Externals();
            ints[i].geti();
            System.out.println ("SEE Marks:");
            exts[i].getm();
        }
        for (int i=0; i<n; i++)
        {
            ints[i].dispil();
            int total = 0;
            exts[i].dispm();
            for (int j=0; j<5; j++)
            {
                total = ints[i].cie[j] + exts[i].see[j];
            }
            System.out.println ("Total Marks: " + total)
        }
    }
}

```