package cie;

import java.util.\*;

public class Student

{

public String usn,name;

public int sem;

public void accept1()

{

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);

}

}

package cie;

import java.util.\*;

public class Internals extends Student

{

public int a[];

public void accept()

{

Scanner sc=new Scanner(System.in);

System.out.println("Enter cie marks out of 50");

a=new int[5];

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

a[i]=sc.nextInt();

}

}

package see;

import cie.\*;

import java.util.\*;

public class Externals extends Student

{

public int a[];

public void accept()

{

Scanner sc=new Scanner(System.in);

System.out.println("Enter see marks out of 50");

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 total number of students ");

int n=sc.nextInt();

cie.Internals in[]=new cie.Internals[n];

see.Externals ex[]=new see.Externals[n];

int total;

for(int j=0;j<n;j++)

{

System.out.println("Enter details of student"+(j+1));

in[j]=new cie.Internals();

ex[j]=new see.Externals();

in[j].accept1();

in[j].accept();

ex[j].accept();

}

System.out.println(" ");

for(int j=0;j<n;j++)

{

in[j].display();

System.out.println("\n Total marks"+(j+1));

for(int k=0;k<5;k++)

System.out.println(in[j].a[k]+(ex[j].a[k]));

}

}

}



