

```
package CIE;
import java.util.Scanner;
public class Student{
    Scanner scan =new Scanner(System.in);
    public String usn, name;
    public int sem;

    public void accept(){
        System.out.println("Enter usn: ");
        usn= scan.nextLine();
        System.out.println("Enter name: ");
        name= scan.nextLine();
        System.out.println("Enter sem:");
        sem= scan.nextInt();
    }

    public void display(){
        System.out.println("Name: "+name);
        System.out.println("USN: "+usn);
        System.out.println("Sem: "+sem);
    }
}
```



Internals - Notepad

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```
package CIE;
import java.util.Scanner;
public class Internals extends CIE.Student
{
    Scanner scan= new Scanner(System.in);
    public int ciem[]= new int[5];

    public void accept(){
        for(int i=0; i<5; i++){
            System.out.println("Enter cie marks of subject "+(i+1));
            ciem[i] = scan.nextInt();
        }
    }
}
```



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

public class Externals extends CIE.Student
{
    Scanner scan = new Scanner(System.in);
    public int seem[] = new int[5];

    public void accept()
    {
        for(int i=0; i<5; i++)
        {
            System.out.println("Enter see marks of subject "+(i+1));
            seem[i]=scan.nextInt();
        }
    }
}
```

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

class TotalMarks
{
    public static void main(String [] args)
    {
        int i, j, n;
        Scanner scan = new Scanner (System.in);
        int total[]=new int [5];
        System.out.println("Enter the number of students: ");
        n = scan.nextInt();
        CIE.Student s[] = new CIE.Student[n];
        CIE.Internals ci[] = new CIE.Internals[n];
        SEE.Externals se[] = new SEE.Externals[n];
        for(i=0; i<n; i++)
        {
            System.out.println("Enter student "+(i+1)+" details-");
            s[i] = new CIE.Student();
            s[i].accept();
            ci[i] = new CIE.Internals();
            ci[i].accept();
            se[i] = new SEE.Externals();
            se[i].accept();
        }
        for(i=0; i<n; i++)
        {
            System.out.println("Details of student "+(i+1));
            s[i].display();
            for(j=0; j<5; j++)
            {
                total[j] = ci[i].ciem[j] + se[i].seem[j];
                System.out.println("Total marks in subject "+(j+1)+" : "+total[j]);
            }
            System.out.println();
        }
    }
}
```

```
Enter the number of students:
2
Enter student 1 details-
Enter usn:
1bm19cs001
Enter name:
Daakanksha
Enter sem:
3
Enter cie marks of subject 1
45
Enter cie marks of subject 2
34
Enter cie marks of subject 3
41
Enter cie marks of subject 4
30
Enter cie marks of subject 5
44
Enter see marks of subject 1
45
Enter see marks of subject 2
34
Enter see marks of subject 3
41
Enter see marks of subject 4
30
Enter see marks of subject 5
44
Enter student 2 details-
Enter usn:
1bm19cs000
Enter name:
javaa
Enter sem:
5
Enter cie marks of subject 1
44
Enter cie marks of subject 2
```

```
Enter cie marks of subject 2
43
Enter cie marks of subject 3
42
Enter cie marks of subject 4
41
Enter cie marks of subject 5
40
Enter see marks of subject 1
44
Enter see marks of subject 2
43
Enter see marks of subject 3
42
Enter see marks of subject 4
41
Enter see marks of subject 5
40
Details of student 1
Name: aakanksha
USN: 1bm19cs001
Sem: 3
Total marks in subject 1: 90
Total marks in subject 2: 68
Total marks in subject 3: 82
Total marks in subject 4: 60
Total marks in subject 5: 88
Details of student 2
Name: javaa
USN: 1bm19cs000
Sem: 5
Total marks in subject 1: 88
Total marks in subject 2: 86
Total marks in subject 3: 84
Total marks in subject 4: 82
Total marks in subject 5: 80
```