PACKAGES

```
import CIE.Student;
import CIE.Internals;
import SEE.External;
import java.util.Scanner;
public class Main {
  public static void main (String args []){
     int n,sem;
     String name, usn;
     System.out.println("Enter number of students:");
     Scanner sc=new Scanner(System.in);
     n=sc.nextInt();
     Student stds[]=new Student[n];
     Internals i[]=new Internals[n];
     External e[]=new External[n];
     for(int j=0;j<n;j++){
       System.out.println("Enter Details of Student "+(j+1)+":");
       sc.nextLine();
       System.out.println("Name:");
       name=sc.nextLine();
       System.out.println("USN:");
       usn=sc.nextLine();
       System.out.println("Enter Semester");
       sem=sc.nextInt();
       stds[j]=new Student(usn,name,sem);
       i[j]=new Internals();
       System.out.println("Enter internal marks");
       i[j].setImarks();
       e[j]=new External();
       System.out.println("Enter external marks");
       e[j].setEmarks();
     for(int j=0;j<n;j++){
       System.out.println("Student "+(j+1)+" details:");
       stds[j].displayDetails();
       System.out.println("Internal Marks:");
       i[j].displaylmarks();
       System.out.println("External Marks:");
       e[j].displayEmarks();
       System.out.println("Total Marks:");
```

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```
for(int k=0; k<5; k++){
         System.out.println("Subject"+" "+ (k+1)+" : "+(i[j].imarks[k]+e[j].emarks[k]));
       }
    }
  }
}
OUTPUT:
Enter number of students:
Enter Details of Student 1:
Name:
seeta
USN:
1A0123
Enter Semester
3
Enter internal marks
23 36 38 40 34
Enter external marks
85 45 96 78 96
Enter Details of Student 2:
Name:
reeta
USN:
1A02123
Enter Semester
Enter internal marks
45 25 36 36 40
Enter external marks
45 26 36 38 40
Student 1 details:
USN:1A0123
Name:seeta
Sem:3
Internal Marks:
Subject 1: 23
Subject 2: 36
```

JAVA

PACKAGES

Subject 3: 38 Subject 4: 40 Subject 5: 34

External Marks:

Subject 1: 85 Subject 2: 45 Subject 3: 96 Subject 4: 78 Subject 5: 96

Total Marks:

Subject 1 : 108 Subject 2 : 81 Subject 3 : 134 Subject 4 : 118 Subject 5 : 130

Student 2 details:

USN:1A02123 Name:reeta Sem:3

Internal Marks:

Subject 1: 45 Subject 2: 25 Subject 3: 36 Subject 4: 36 Subject 5: 40

External Marks:

Subject 1: 45 Subject 2: 26 Subject 3: 36 Subject 4: 38 Subject 5: 40

Total Marks:

Subject 1:90 Subject 2:51 Subject 3:72 Subject 4:74 Subject 5:80 JAVA

PACKAGES

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```
package CLE;
 publica clare Student
     public String usn;
     public string name;
     jublica and sem;
     bublec Student (Strong usn, Strong normo, ent sem)
        thes, usn = usn;
         this norme = norme;
          thus. sem = sem 3
      y
  porchage CIE3
  public dous Intermols extends Student,
     public ant (I anternal Mouths;
     public Indernals (strang usn, Strong name , Ant sem ,
        ant (I grateuralhewoods)
         super (usn, name, gem);
         thes. 9 ndeamal Moods = 9 ndernal Moods ;
    y
   poulougo see;
  omprest CIE. Student
  public class External extends Student
        publica ant [] see Moulis;
               - Stade a vord movem (Storng [] arroys)
```

ent (Janteemathoodo = 275,80,90,85,883;
endemats student 1 = none Indemats ("IA BC123"? "John "3,

```
Suber (Norme, usn, name, rem);

thes. See Mouly = See Mouly;
```

9 mpourt CIE. Internals; 9 mpourt SEE. Externals; buble: class Morens \$ buble: 21 als: nord marm (Storng (I origs)) \$ 9nt [I anternal March = 575, 80, 90,85,887; 9 nlowed Stedent 1 = 1000 Internals

> 9 nt [] & e chause = \$70,85,88,92,78 y'; External Student 9 = new External ("2xyz456", "Jome", 3, &cediana)

("1ABC193", "John", 3, 9Nous Mars);

SOP ("Student 1:");

SOP ("USNI:" + Student 1. USD);

SO 17 ("Name:" + Student 1. name);

SOP ("Lemoster" + Student 1. sem);

SOP ("Internal Liagues:" + garra. who storage.

do Storag (student 1. andrewal Liagues));

Output,

Student 1:

USN: 1AB6123

Nome: John

Semester: 3

1 Nova Laule: 75,80,010,85,88

Student 2:

USN: 2xYZHS6

Name: Jone

Semester: 3

SEE Moulls: 40,85, 88,92,78

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