```
SSE
External
Package SEE:
 import CIF . Student;
     public class External extends Student &
             public int [] see Marks;
    public External (String usn, String name, Int sem,
          Int [] See Marks) &
        Super (usn, name, Sem);
         this . See Marks = See Marks;
Main
impost CIF. Internals;
import SEF. Externals;
public class Main {
      public Static void main (String ( ) args) {
        in+ [] internal Marts 1 = 280,75, 90,85,88 33
    Internal students = new Internal ("1ABC123" "John De"
                        3, internal Marks 1);
int[] See marks 1 = & to, 85, 78, 92, 88 };
External Student 2 = new 'External C" 2xy2 456" " Janesmith"
See Marks 1);
in+[] final Marks 1 = new int[s];
for (in+ i=0 ; ics; 1++) {
   final Maries [i] = Student 1. internal Maries [1] + Student 2. See
    Marks [i]; &
```

## **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].displayImarks();
System.out.println("External Marks:");
e[j].displayEmarks();
System.out.println("Total Marks :");
JAVA
PACKAGES
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:
2
Enter Details of Student 1:
Name:
seeta
USN:
1A0123
```

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:
11611 4 4 6 6 4 6 6
USN:1A02123
Name:reeta
Name:reeta
Name:reeta Sem:3
Name:reeta Sem:3 Internal Marks:
Name:reeta Sem:3 Internal Marks: Subject 1: 45
Name:reeta Sem:3 Internal Marks: Subject 1: 45 Subject 2: 25
Name:reeta Sem:3 Internal Marks: Subject 1: 45 Subject 2: 25 Subject 3: 36
Name:reeta Sem:3 Internal Marks: Subject 1: 45 Subject 2: 25 Subject 3: 36 Subject 4: 36
Name:reeta Sem:3 Internal Marks: Subject 1: 45 Subject 2: 25 Subject 3: 36 Subject 4: 36 Subject 5: 40
Name:reeta Sem:3 Internal Marks: Subject 1: 45 Subject 2: 25 Subject 3: 36 Subject 4: 36 Subject 5: 40 External Marks:
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
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
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

Total Marks:

Subject 1:90

Subject 2:51

Subject 3:72

Subject 4:74

Subject 5:80