

Packages:

Package

18M21C3032

Package: java

SE E

Entend: java

Student: java

CIE

Student (Student.java)

Internah (Internah.java)

package CIE.Student;

import java.util.Scanner;

public class Student {

public class usn = new String ();

public class name = new String ();

public int sem;

public Student () {

Scanner s = new Scanner (System.in);

System.out.println ("Enter usn, name and semester of the student:");

usn = s.next ();

name = s.next ();

sem = s.nextInt ();

}

public void display () {

System.out.println ("Name: " + name);

System.out.println ("USN: " + usn);

System.out.println ("Semester: " + sem);

}

}

Internah: java

package CIE.Internah;

import java.util.Scanner;

public class Internah ~~extends Student~~ {

```

public int cie_mark[] = new int[5];
public int i;
public void input () {
    Scanner si = new Scanner(System.in);
    System.out.println("Enter CIE marks of 5 subjects:");
    for (int i = 0; i < 5; i++) {
        cie_mark[i] = si.nextInt();
    }
}

public void display () {
    System.out.println("Internat mark:");
    for (int i = 0; i < 5; i++) {
        System.out.print("%d ", cie_mark[i]);
    }
    System.out.println("");
}
}

```

#### • External java

```

package SEE;
import java.util.Scanner;
import CIE.Internat.*;
import CIE.Stu
public class External extends Internat {
    int see = 0; public int see_mark = new int[5];
    public External () {
        input();
        Scanner se = new Scanner(System.in);
        System.out.println("Enter SEE mark of 5 subjects:");
        for (int i = 0; i < 5; i++) {

```



```

        me - marks[i] = se.nextInt();
    }
}

public void display() {
    super.display();
    System.out.println("Enter marks:");
    for (int i = 0; i < 5; i++) {
        System.out.printf("%d ", see.marks[i]);
    }
    System.out.println("");
}
}

```

#### • package.java

```

import IIE.Student.*;
import IIE.Internal.*;
import SEE.*;

```

```

public class package {
    public static void main (String [] args) {
        System.out.println("Creating a new Student...");
        Student s1 = new Student();
        External e = new External();
        s1.display();
        e.display();
    }
}

```

Output:

Creating a new Student...

Enter USM, Name and Semester of the student:

10m21c5  
 covered  
 3  
 Enter  
 38  
 Enter  
 95  
 Name:  
 USM: 11  
 Semester  
 Internal  
 External

IDM21C5032

anvind

3

Enter CIE marks of 5 subjects:

38 37 33 31 28

Enter SEE marks of 5 subjects

95 92 88 82 78


Name : anvind

USM: IDM21C5032

Semester: 3

Internal Marks: 38 37 33 31 28

External Marks: 95 92 88 82 78

 13/01/2023

Creating a new Studet...

Enter usn, name and semester of the student:

1bm21cs032 arvind 3

Enter CIE marks of 5 subjects:

38 37 33 31 28

Enter SEE marks of 5 subjects:

95 92 88 82 78

Name: arvind

USN: 1bm21cs032

Semester: 3

Internals marks:

38 37 33 31 28

Externals marks:

95 92 88 82 78