

# Prog 6.

```

package CIE;
import java.util.Scanner;
public class Student
{

```

```

    public String name;
    public String usn;
    public int sem;
}

```

```

package CIE;
import java.util.Scanner;
public class Internals extends Student
{

```

```

    public int cie_marks [] = new int [5];
    public void getData () {

```

```

        Scanner sc = new Scanner(System.in)
        System.out.println("Name");

```

```

        name = sc.nextLine();

```

```

        System.out.print("usn");

```

```

        usn = sc.nextLine();

```

```

        System.out.println("Semester");

```

```

        sem = sc.nextInt();

```

```

        System.out.println("Enter CIE marks");

```

```

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

```

```

            System.out.print(" Subject "+(i+1)+" : ");

```

```

            cie_marks [i] = sc.nextInt();

```

```

        } }

```

```

    public void printdata ()
    {

```

```

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

```

```

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

```

```

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

```

```

        System.out.println(" CIE marks :");

```



```
for (int i=0 ; i<5; i++) {
    System.out.println ("Subject "+(i+1)+" : " +
        cie-marks[i]);
}
```

```
package SEE;
import java.util.*;
public class External extends Student
{
```

```
    public int seeMarks [] = new int [5];
```

```
    public class getData ()
    {
```

```
        Scanner sc = new Scanner (System.in);
```

```
        System.out.println ("SEE marks");
```

```
        for (i=0 ; i<5; i++)
        {
```

```
            System.out.print ("Subject "+(i+1)+" : ");
```

```
            see_marks [i] = sc.nextInt ();
```

```
        } }
```

```
    public void printdata ()
    {
```

```
        system.out.println ("SEE marks");
```

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

```
            System.out.println ("Sub "+(i+1)+" : " +
                see-marks [i]);
        } }
```

```
import CIE , *;
```

```
import SEE , *;
```

```
import java.util.*;
```

```
class Package prog
{
```

```
    public static void main (String args [])
    {
```



```
System.out.println("Student" + (i+1));  
    in[i] = new Internals();  
    ext[i] = new Externals();  
    int[i].get data();  
    ext[i].get data();  
}
```

```
System.out.println(" Student "+(i+1));  
    int[i].print data ();  
    ext[i].print data ();
```

```

system.out.println("Subject "+(j+1)+" : "+
                    int[i].ie_marks[i]+
                    ent[i].see_marks[j]);
}

```

2