

LAB & PROGRAMS:-Student.java

```
package cie;
public class Student {
    public String name, roll;
    public int sem;
}
```

Internal.java

```
package cie;
import java.util.Scanner;
public class Internal extends Student {
    public int marks[] = new int[5];
    public void InputMarks() {
        Scanner sc = new Scanner(System.in);
        for (int i = 0; i < 5; i++) {
            System.out.println("Enter subject " + (i + 1) + " marks");
            marks[i] = sc.nextInt();
        }
    }
    public void display() {
        for (int i = 0; i < 5; i++) {
            System.out.println("Subject " + (i + 1) + " marks: " +
                marks[i]);
        }
    }
}
```

externals - java

~~package~~ see ';

import cie . Student ;

~~import java.util.Scanner;~~

public class Externals extends Students {

public int maxs () = new int [5];

public void input marks () {

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

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

```
System.out.println("Enter subject "+(i+1)+
```

(1 day "masks")

4

public void display() {

~~for (int i=0; i < s; i++) {~~

System.out.println("Sum
marks[i]);

marks [i]);

3

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3

Main . java

```
import cie.student;  
import cie.internals;  
import cie.externals;  
import java.util.Scanner;
```

```
class Main {
```

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

```
        int no = 2;
```

```
        Externals final marks [] = new Externals [no];
```

```
        Internals int marks [] = new Internals [no];
```

```
        for (int i=0 ; i < no ; i++) {
```

```
            final marks [i] = new Externals ();
```

```
            int marks [i] = new Internals ();
```

```
            final marks [i].input marks ();
```

```
            int marks [i].input marks ();
```

```
        for (int i=0 , i < no ; i++) {
```

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

```
            int marks [i].display marks ();
```

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

```
            final marks [i].display marks ();
```

```
}
```

```
y
```

```
y
```

OVIPVT:-

Enter subject 1 marks : 30

Enter subject 2 marks : 50

Enter subject 3 marks : 40

Enter subject 4 marks : 20

Enter subject 5 marks : 10

Enter subject 1 marks : 30

Enter subject 2 marks : 70

Enter subject 3 marks : 60

Enter subject 4 marks : 80

Enter subject 5 marks : 90

Enter subject 1 marks : 70

Enter subject 2 marks : 40

Enter subject 3 " : 20

Enter subject " : 80

Enter subject " : 10

CIE :-

Subject 1 marks : 30

Subject 2 marks : 50

Subject 3 marks : 40

Subject 4 marks : 20

Subject 5 marks : 10

SEE :-

Subject 1 marks : 30

Subject 2 " : 70

Subject 3 " : 60

Subject 4 " : 80

Subject 5 " ; 90

CIE :-

Subject 1 marks : 70

Subject 2 marks : 40

Subject 3 marks : 20

Subject 4 marks : 20

Subject 5 marks : 10

SFE :-

Subject 1 marks : 80

Subject 2 marks : 60

Subject 3 marks : 30

Subject 4 marks : 20

Subject 5 marks : 30

05 : science 1 marks
02 : science 2 marks
04 : science 3 marks
01 : science 4 marks
06 : science 1 marks
07 : science 2 marks
03 : science 3 marks
08 : science 4 marks
00 : science 5 marks

23/01/20
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