

Lab -7

Student.java

```
package ui;  
public class student {  
    public String name, USN;  
    public int sem;  
};
```

Internal.java

```
package ui;  
import java.util scanner;  
public class internal extends student {  
    public int marks[] = new int [5];  
    public void input marks ()  
    {  
        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 marks () {  
        for (int i = 0; i < 5; i++) {  
            System.out.println ("Subject " + (i+1) +  
            " marks " + marks[i]);  
        }  
    }  
}
```

}

8)

Externals java

```
package see;
```

```
import al.Student;
```

```
import java.util.Scanner;
```

```
public class Externals extends Student {
```

```
    public int marks() = new int[5];
```

```
    public void input marks() {
```

```
        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 marks() {
```

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

```
            System.out.println("subject " + (i+1)  
                                + " marks " + marks[i]);
```

```
        }
```

```
    }
```

```
}
```

main.java

```
import ai.Student;  
import ai.internals;  
import ai.externals;  
import java.util.Scanner;
```

class main {

public static void main (String args []) {

int no=2;

Externals final marks[] = new

Externals(100);

Internals int marks[] = new

Internals(100);

for (int i=0; i<100; i++) {

final marks[i] = new Externals();

int marks[i] = new Internals();

final marks[i] = input marks[i];

int marks[i].input marks[i]

}

for (int i=0; i<100; i++) {

System.out.println("ui");

int marks[i] = display marks();

System.out.println("st:");

final marks[i].display marks();

}

}

Output :

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

For 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 Marks : 70
Subject 3 Marks : 60
Subject 4 Marks : 80
Subject 5 Marks : 90

06/02/24