

Student, Java

```
package cie;  
public class students {  
    public String name, USN;  
    public int sem;  
}
```

Internal.java

```
package cie;  
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]);  
        }  
    }  
}
```

~~Externals~~
Externals.java

```
package see;
import cie.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 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 [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 ("ie:");
```

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

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

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

```
        }
```

```
    }
```

```
}
```

7 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

CIT

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