

## **PACKAGES PROGRAM:**

### **CIE PACKAGE:**

```
package CIE;
import java.util.Scanner;

public class Student
{
    int sem,usn;
    String name = new String();
    Scanner x = new Scanner(System.in);

    public Student()
    {
        System.out.println("Enter sem,usn,name");
        this.sem = x.nextInt();
        this.usn = x.nextInt();
        this.name = x.next();
    }
}
```

```
package CIE;
import java.util.Scanner;

public class Internals extends Student
{
    int marks[] = new int[5];
    Scanner x = new Scanner(System.in);

    public void input_marks()
    {
        for(int i=0;i<5;i++)
        {
            System.out.println("Enter marks of cie" + i);
            this.marks[i] = x.nextInt();
        }
    }
}
```

### **SEE PACKAGE:**

```
package SEE;
```

```

import java.util.Scanner;
import CIE.*;

public class External extends Student
{
    int marks[] = new int[5];
    Scanner x = new Scanner(System.in);

    public External()
    {
        for(int i=0;i<5;i++)
        {
            System.out.println("Enter marks of see" + i);
            marks[i] = x.nextInt();
        }
    }
}

```

```

import CIE.*;
import SEE.*;
import java.util.Scanner;

class Packages
{
    public static void main(String args[])
    {
        CIE.Internals i = new CIE.Internals();
        i.input_marks();
        SEE.External e = new SEE.External();
    }
}

```

```
C:\Users\bmsce\Desktop\1BM21CS061\week9>javac Internals.java
```

```
C:\Users\bmsce\Desktop\1BM21CS061\week9>javac Packages.java
```

```
C:\Users\bmsce\Desktop\1BM21CS061\week9>java Packages
```

```
Enter sem,usn,name
```

```
1
```

```
123
```

```
vik
```

```
Enter marks of cie0
```

```
10
```

```
Enter marks of cie1
```

```
20
```

```
Enter marks of cie2
```

```
30
```

```
Enter marks of cie3
```

```
40
```

```
Enter marks of cie4
```

```
50
```

```
Enter sem,usn,name
```

```
2
```

```
124
```

```
nik
```

```
Enter marks of see0
```

```
10
```

```
Enter marks of see1
```

```
20
```

```
Enter marks of see2
```

```
30
```

```
Enter marks of see3
```

```
40
```

```
Enter marks of see4
```

```
50
```