

LAB-6

Date _____
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```
Package CIE;
import java.util.Scanner;
public class Student
{
    public String usn, name;
    public int sem;

    public void getData() {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter Student USN:");
        usn = sc.next();
        System.out.println("Enter Student name:");
        name = sc.next();
        System.out.println("Enter Semester:");
        sem = sc.nextInt();
    }

    public void printData() {
        System.out.println("Student Details:");
        System.out.println("USN:" + usn);
        System.out.println("Name:" + name);
        System.out.println("Semester:" + sem);
    }
}
```

```

package CIE;
import java.util.Scanner;
public class Internals extends Student
{
    public int ae[] = new int[5];

    public void getae() {
        for(int i=0; i<5; i++){
            Scanner sc = new Scanner(System.in);
            System.out.println("Enter Subject " + (i+1) + "ae marks:");
            ae[i] = sc.nextInt();
        }
    }
}

```

```

package SEE;
import CIE.*;
import java.util.Scanner;
public class Internals extends CIE.Student
{
    public int see[] = new int[5];

    public void getsee() {
        for(int i=0; i<5; i++){
            Scanner sc = new Scanner(System.in);
            System.out.println("Enter Subject " + (i+1) + "see marks:");
            see[i] = sc.nextInt();
        }
    }
}

```



```

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

```

```

class TotalMarks {
public static void main (String sss[]) {
Scanner sc = new Scanner (System.in);
int n, i;
double total[] = new double [5];
System.out.println ("Enter num of students:");
n = sc.nextInt();

```

```

IE. Internals in[] = new IE. Internals [n];
SEE. Externals ent[] = new SEE. Externals [n];
for (i = 0; i < n; i++) {
in[i] = new IE. Internals ();
ent[i] = new SEE. Externals ();
in[i].getdata();
in[i].printdata();
System.out.println ("Internal marks:");
in[i].getie();
System.out.println ("Externals marks:");
ent[i].getsee();
}

```

```

for (i = 0; i < n; i++) {
for (int j = 0; j < 5; j++) {
total[j] = (double) in[i].ie[j] + (ent[i].see[j]);
}
}

```

```

System.out.println ("Total marks in Subject" + (i+1) +
" by student" + (i+1) + ":" + total[j]);
}
}
}
}

```