

Lab-6

```
package CIE;  
import java.util.Scanner;  
public class Student  
{  
    Scanner scan = new Scanner(System.in);  
    public String usn, name;  
    public int sem;  
    public void accept()  
    {  
        System.out.println("Enter usn: ");  
        usn = scan.nextLine();  
        System.out.println("Enter name: ");  
        name = scan.nextLine();  
        System.out.println("Enter sem: ");  
        sem = scan.nextInt();  
    }  
    public void display()  
    {  
        System.out.println("Name: " + name);  
        System.out.println("USN: " + usn);  
        System.out.println("Sem: " + sem);  
    }  
}
```

Teacher's Signature _____


```
package CIE;  
import java.util.Scanner;  
public class Internals extends CIE.Student  
{  
    Scanner scan = new Scanner(System.in);  
    public int clem[] = new int[5]  
  
    public void accept()  
    {  
        for (int i=0; i<5; i++)  
        {  
            System.out.println("Enter CIE marks of subject"  
                                + (i+1));  
            clem[i] = scan.nextInt();  
        }  
    }  
}
```

Teacher's Signature _____

```
package SEE ;  
import CIE* ;  
import java.util.Scanner ;  
public class External extends CIE.Students  
{  
    Scanner scan = new Scanner (System.in) ;  
    public int seem[] = new int[5] ;
```

```
    public void accept ()  
    {
```

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

```
            System.out.println ("Enter SEE Marks of subject"  
                                + (i+1)) ;  
            seem[i] = scan.nextInt() ;  
        }  
    }  
}
```

Teacher's Signature _____


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

```
class TotalMarks  
{
```

```
    public static void main (Strings[] args)
```

```
    {  
        int i, j, n;
```

```
        Scanner scan = new Scanner(System.in)
```

```
        int total[] = new int[5];
```

```
        System.out.println("Enter the number of students : ");
```

```
        n = scan.nextInt();
```

```
        CIE.Student s[] = new CIE.Student[n];
```

```
        CIE.Internals ci[] = new CIE.Internals[n];
```

```
        SEE.Externals se[] = new SEE.Externals[n];
```

```
        for (i=0; i<n; i++)
```

```
        {
```

```
            System.out.println("Enter student" + (i+1) + "details");
```

```
            s[i] = new CIE.Student();
```

```
            s[i].accept();
```

```
            ci[i] = new CIE.Internals();
```

```
            ci[i].accept();
```

```
            se[i] = new SEE.Externals();
```

```
            se[i].accept();
```

```
        }
```

Teacher's Signature _____


```
for (i=0; i<n; i++)
```

```
{
```

```
    System.out.println("Details of student "+ (i+1));
```

```
    s[i].display();
```

```
    for (j=0; j<5; j++)
```

```
{
```

```
        total[j] = ce[i].ciem[j] + se[i].seem[j];
```

```
        System.out.println("Total marks in subject "+
```

```
            (j+1) + " : " + total[j]);
```

```
    }
```

```
    System.out.println();
```

```
}
```

```
}
```

```
}
```

Teacher's Signature _____