

## OJJ LAB PROGRAM 6 WRITE UP

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Lab 6

```
(6) package CIE;
import java.util.Scanner;
public class Student
{
    public String usn, name;
    public int sem;
    public Scanner ss = new Scanner(System.in);
    public void getData()
    {
        System.out.println("Name:");
        name = ss.next();
        System.out.println("USN:");
        usn = ss.next();
        System.out.println("Semester:");
        sem = ss.nextInt();
    }
}

package CIE;
import java.util.Scanner;
public class Internals extends Student
{
    public int ciemarks[] = new int[5];
    public void get marks()
    {
        getData();
        System.out.println("Enter the CIE marks of the student:");
        for (int i=0; i<5; i++)
        {
            System.out.println("Subject " + (i+1) + ":");
            ciemarks[i] = ss.nextInt();
        }
    }
}
```

```

    public void display()
    {
        System.out.println("Name : "+this.name);
        System.out.println("USN : "+this.usn);
        System.out.println("Semester : "+this.sem);
    }
}

```

```

package SEE;
import java.util.Scanner;
public class Extendsch extends CIE.student
{

```

```

    public int seemarks[] = new int[5];
    Scanner ss = new Scanner(System.in);
    public void getmarks()
    {

```

```

        System.out.println("Enter the SEE marks of the student : ");
        for (int i=0; i<5; i++)
        {

```

```

            System.out.println("Subject "+(i+1)+ ": ");
            seemarks[i] = ss.nextInt();
        }
    }
}

```

```

}
import java.util.Scanner;
import CIE.*;
import SEE.*;
class Main
{

```

```

    public static void main (String args[])
    {

```

```

{
Scanner ss = new Scanner (System.in);
int n;
int finalmarks [][] = new int [5][5];
System.out.println ("Enter the number
of students :");
n = ss.nextInt ();
Internals studcre [] = new Internals [n];
Externals studsee [] = new Externals [n];
for (int i=0; i<n; i++)
{
System.out.println ("In ***** In");
studcre[i] = new Internals ();
studsee[i] = new Externals ();
studcre[i].getmarks ();
studsee[i].getmarks ();
for (int j=0; j<5; j++)
{
finalmarks[i][j] = studcre[i].cremarks
[j] + (studsee[i].seemarks[j]/2);
}
}
System.out.println ("In ***** In");
System.out.println ("the student and
their finals marks are : \n");
for (int i=0; i<n; i++)
{
studcre[i].display ();
for (int j=0; j<5; j++)
{
System.out.println ("Subjects " + (j+1)
: " + finalmarks[i][j]);
}
}
}

```



System.out.println("in array (n)");

}

}

}