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IBM19CS203
3-D

Lab 6

```java
Package CIE;
import java.util.*;
public class Personal {
        public String name;
        public int Sem;
        public String usn;
    public void read() {
            Scanner sc = new Scanner(System.in);
        System.out.println("Enter the name");
        name = sc.next();
        System.out.println("Enter the Semester");
        sem = sc.nextInt();
        System.out.println("Enter the USN");
        USN = sc.next();
        }
    public void display() {
        System.out.println("Student details:");
    System.out.println("Name : "+name. +"\n USN"+ USN+
"\n Sem :"+ sem); } }


Package OIE;
import java.util.*;
public class internals extends personal {
        public double ce[];
        public void accept() {
```

```java
cie = new double[5];
Scanner sc = new Scanner(System.in);
for(int i=0; i<5; i++){
    System.out.println("CIE marks of "+(i+1)+":");
    cie[i] = sc.nextDouble();
}}}
```

```java
Package SEE;
import java.util.*;
import CIE.*;
public class external extends personal {
    public double see[];
    public void get(){
        see = new double[5];
        Scanner sc = new Scanner(System.in);
        for(int i=0; i<5; i++){
            System.out.println("SEE marks of cours"+(i+1)+":");
            see[i] = sc.nextDouble();
        }}}
```

```java
import CIE.*;
import SEE.*;
import java.util.*;
Class Main {
```

```java
public static void main (String args[]) {
    Scanner sx = new Scanner (System.in);
    System.out.println("Enter number of studen
    int in = sx.nextInt();
    CIE.internals in[] = new CIE.internals [n];
    SEE.externals en[] = new SEE..externals[n];

    int i, j;
    for (i=0 ; i<n ; i++) {
    System.out.println("student" + (i+1)));
    in[i] = new CIE.internal();
    en[i] = new SEE.external();

    in[i].read();
    System.out.println("CIE MARKS:");
    in[i].accept();
    System.out.println("SEE MARKS:");
    en[i].get();
    System.out.println();
    in[i].display();
    for (j=0 ; j<5 ; j++)
    System.out.println("Total marks for course" + (j+1)+
    + (in[i].cie[i] + ( en[i] .see[j] /2)));
    }
    }
}
```