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1BM19CS187
3D Batch-2

LAB-6

```
package CIE;
import java.util.Scanner;
public class Internals extends
Student
```

```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 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);
    }
}
```

```java
package SEE;
import java.util.*;
import CIE.*;
public class externals 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++)
        {
            see[i] = sc.nextDouble();
        }
        System.out.println("SEE mark for course " + (i+1)+
        "; ");
    }
}

package CIE;
import java.util.*;
public class internals extends personal
{
    public double cie[];
    public void accept()
    {
        cie = new double[5];
        Scanner sc = new
        Scanner(System.in);
        for(int i = 0; i<5; i++)
```

```java
        {
            System.out.println("CIE mark for source "
                    + (i+1) + ": ");
            cie[i] = sc.nextDouble();
        }

    }

}

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

class Main
{
    public static void main(String args[])

    {
        Scanner sx = new Scanner(System.in);
        System.out.println("Enter the number of
                           students");
        int n = 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.internals();
    en[i] = new SEE.externals();
    in[i].read();

    System.out.println("CIE MARKS:");
    in[i].accept();
    System.out.println("SEE MARKS:");
    en[i].get();
    System.out.println();
    int[i].display();
    for(j=0; j<5; j++)

    System.out.println("Total Marks for course"
        + (j+1) + " :" + (in[i].cie[j] + (en[i].
        see[j]/2))));
    }
  }
}
```