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classmate

Date

Page

20/11/2020

LAB 6 :

public  
class Sample {  
package CIE;  
import java.util.\*;

public String name;  
public int sem;  
public String usn;

void  
public enter\_details()  
{

Scanner in = new Scanner(System.in);

System.out.println("Enter Name:");

name = in.next();

System.out.println("Enter Semester:");

sem = in.nextInt();

System.out.println("Enter the USN:");

usn = in.next();

}

public void display\_details()  
{

System.out.println("Student details:");

System.out.println("Name:" + name + " | USN:"  
+ usn + " | Sem:" + sem);

}

}

```
package CIE;
import java.util.*;
```

```
public class Internals {
    public double cie[];
```

```
    public void get-details()
    {
```

```
        cie = new double[5];
```

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

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

```
        {
```

```
            System.out.println("CIE marks for  
course " + (i+1) + " : ");
```

```
            cie[i] = in.nextDouble();
```

```
        }
```

```
    }
```

```
}
```

```
package SEE;
import java.util.*;
```

```
package
```

```
public class Externals extends Personal {
```

```
    public double see[];
```

```
    public void get-details()
    {
```

```
    {
```

```
        see = new double[5];
```

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

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

```
        {
```

```
            System.out.println("SEE marks : " + (i+1) + " : ");
```

```
            see[i] = in.nextDouble();
```

```
        }
```

```
    }
```

```
}
```



29/1/2020

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

```
class Lab6 {
```

```
    public static void main(String args[])  
    {
```

```
        Scanner in = new Scanner(System.in);  
        System.out.println("Enter the no. of students:");
```

```
        int n = in.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].getDetails();
```

```
            System.out.println("SEE Marks:");
```

```
            en[i].getDetails();
```

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

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

```
                System.out.println("Total Marks for  
console" + (i+1) + " : " + (in[i].CIE[j]) + (en[i].SEE[j])  
                / 2);
```

```
        }
```

```
    }
```

```
}
```