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18M15CS210

```
Package CIE; (Personal class.)
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 USN");
        USN = sc.next();
    }

    Public void display() {
        System.out.println("Student details:");
        System.out.println("Name: " + name + " / USN: " + usn + " / Sem: " + Sem);
    }
}

Package CIE; (Internal class)
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 < cie.length; i++) {
                System.out.println("CIE mark for course " + (i + 1) + ":");
                cie[i] = sc.nextDouble();
            }
        }
    }
}
```

```
Package SEE; (External class : )
import java.util.*;
import CIE.*;
Public class extends extends rational
```

```
{
    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 for the course "+
                               (i+1)+" : ");
            see[i] = sc.nextDouble();
        }
    }
}
```

```
import CIE.*; (Main class)
import SEE.*;
import java.util.*;
```

```
Class Main {
    public static void main(String args[]) {
        Scanner sx = new Scanner(System.in);
        System.out.println("Enter no. of students");
        int n = sx.nextInt();
        CIE.intmarks in[] = new CIE.intmarks[n];
        SEE.extmarks ex[] = new SEE.extmarks[n];
        for (i=0; i<n; i++) {
            System.out.println("Student "+(i+1));
            in[i] = new CIE.intmarks();
            ex[i] = new SEE.extmarks();
        }
    }
}
```

```
int CD = req[1];
```

```
System.out.println("KIE MARKS");
```

```
int CD = req[1];
```

```
System.out.println("SEE MARKS");
```

```
int CD = req[1];
```

```
System.out.println("SEE MARKS");
```

```
int CD = req[1];
```

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

```
System.out.println("Total Marks for course " + (i+1) + " is " + (CD * req[2] + (CD * req[3] * req[4]) / 2));
```

```
}
```

```
}
```

```
}
```

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