main.java

Md. Aman Jaiyeb

```
import CIE.*;
import SEE.*;
import java.util.Scanner;
public class main
{
public static void main (string args[])
  {
    int n;
    Scanner s = new Scanner (System.in);
System.out.println("Enter the number of students:");
n=s.nextInt();
CIE.Students st[] = new CIE.Student[n];
CIE.Internals in[] = new CIE.Internals[n];
SEE.Externals e[] = new SEE.Externals[n];
for (int i=0; i<n; i++)
  {
    st[i] = new CIE.Students();
    in[i] = new CIE.Internals();
    e[i] = new SEE.Externals();
    st[i].display();
    in[i].display();
    e[i] display();
```

```
System.out.println("Total marks of student " +
    name + " in 5 subjects are:");
    for (int j=0; j<5; j++)
    {
     System.out.println(ri[i].ciem[j] + (ei[i].
       seem[j]/2));
    }
  }
 }
}
```

External.java

Md. Aman Jariyeb

```
package SEE;
import java.util.*;
import CIE.*;
public class Externals extends CIE_Student
{
 public double seem [];
  public void display()
  {
    seem = new double [5];
    Scanner s = new Scanner (System.in);
 System.out.println ("SEE marks for 5 subjects
    (out of 100):");

 for (int i=0; i<5; i++)
 seem [i] = s.nextDouble();

  }
}
```

internals.java

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

public class Internals extends student
 {
  public double ciem[];

public void display()
{
   ciem = new double [5];
  Scanner t= new Scanner (System.in);
```

Md. Aman Tariyab

student.java

```
package CIE;
import java.util.Scanner;
public class student
{
public string name;
public string usn;
public int sem;
public void display()
{
 Scanner s = new Scanner(System.in);
System.out.println ("Name:");
 name = s.next();
System.out.println("USN:");
 usn = s.next();
System.out.println("semester:");
 sem = s.nextInt();
 }
}
```