	POOJA.K
	Lab Program-6 IBM19(5111
	Package Program
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*	Pachage CIE;
	import jora. util. Scanner
	public class Internals
	Chartain star side
	public double (ie Marks[];
	public double Ciesum = 0.0;
	int i;
	public roid Faccept ()
	1 }
	Scanner P: New Scanner (System.in)
	Ciemarks = new doublet5].
	system. out. grintln ("Enter the cie marky of
	5 courses out of 50");
	for (1=0; i<5; t++)
	Suck and a suck as a first of the suck as a su
	System. out. printen ("Enter cie marks ["+(i+D+"]") CieMarks [i] : I. neut Double();
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*	package CIE;
	import java, util. Scanner;
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	Nullefter and
	public string usn;
	The state of the s
	public int sum;
	The section is a second of the
	public void accept() }
1	Scanner A = New O
	Egstem. out. printer (& getem. in);
	production that are the
	Bystem. out. printen ("Enter name");
	system.out. printen ("Enter sem"):
	sem = A. next Int ():
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	0.1.19
	public void display()
	trame + " SEAL"
	tname + "In JEM: "+ sem);
1	y sem)
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	package SPE:
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1	package SPE; upont jova·util. Scanner; upont. CIE. *;
į	mport. CIE. *;
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į	ublic class Entervals extends CIE. Student
į	ublic class Entervals extends CIE. Student public double SeeMarks [7:
į	ublic class Entervals extends CIE. Student

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public void Faccept ()
    Bearner E: new Sanner (System.in)
    See Marks : New double [5];
     credits = new int [5];
    System.out.printlul" Enter SEE mark of 5
    courses out of 100");
    for (i=0; i<5; i++)
     System.out. printer ("Enter see marks
[+(i+i)+"]");
     SecMarks ci] = ForientDouble();
*
    import CIEX;
    import SEE.*;
    import Java. util. 8 canner;
    class FinalMarks {
    public static void main (bling [] avgs)
    int Fs;
    Scanner F = New Scanner ( System. in);
System.out. println ("Enter number of Students");
inf n = F. nextInt();
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	(2E. Student[] == new CIE. Student[n];
	Cle. Internale[] (iz Many CFE Tuberla 5 7:
	SEE. Enternalis se = new SEE. Enternalismi;
	for (int $j=0$; $j< n$; $j+t$)
	CSCj7= New (IE. Student();
	Jeccept()"
	Cl Liji = new (FE Internal ():
	Tet Clother "
	Setil = new SEE. Partier of ():
	se [j]. facce pt ();
	9
	JD C
	for (int j=0; j <n; j++)<="" th=""></n;>
	cs[j].dispay();
	System. out. println ("Final mas las
	for (int 1=0; (<5; i++)
	Fs = (int) (citj]. acMarks [i] + setj]. See Marks (i1/2)
	Systemiout printin ("9n course: "+ (iti)+
	? (15:" + (FS));
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Internals.java - Notepad
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package CIE;
import java.util.Scanner;
public class Internals
  public double CieMarks[];
   public double Ciesum=0.0;
  int i;
  public void Iaccept()
   Scanner I=new Scanner(System.in);
  CieMarks=new double[5];
  System.out.println("Enter the cie marks of 5 courses out of 50");
for(i=0;i<5;i++)
System.out.println("Enter cie marks["+(i+1)+"]");
 CieMarks[i]=I.nextDouble();
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File Edit Format View Help
package CIE;
import java.util.Scanner;
public class Student
public String usn;
public String name;
public int sem;
public void accept()
Scanner A=new Scanner(System.in);
System.out.println("Enter usn ");
usn=A.next();
System.out.println("Enter name ");
name=A.next();
System.out.println("Enter sem ");
sem=A.nextInt();
public void display()
System.out.println(" USN: "+usn);
System.out.println(" NAME: "+name);
System.out.println(" SEM: "+sem);
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Student.java - Notepad

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package SEE;
import java.util.Scanner;
import CIE.*;
public class Externals extends CIE.Student
  public double SeeMarks[];
  public int credits[];
  int i;
  public void Eaccept()
   Scanner E=new Scanner(System.in);
  SeeMarks=new double[5];
   credits=new int[5];
  System.out.println("Enter the see marks of 5 courses out of 100");
for(i=0;i<5;i++)
System.out.println("Enter see marks["+(i+1)+"]");
 SeeMarks[i]=E.nextDouble();
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Externals.java - Notepad

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FinalMarks.java - Notepad
File Edit Format View Help
import CIE.*;
import SEE.*;
import java.util.Scanner;
class FinalMarks
{
  public static void main(String sss[])
int FS;
      Scanner F=new Scanner(System.in);
       System.out.println("Enter the number of Students");
        int n=F.nextInt();
        CIE.Student[] cs= new CIE.Student[n];
        CIE.Internals[] ci= new CIE.Internals[n];
         SEE.Externals[] se=new SEE.Externals[n];
   for(int j=0;j<n;j++)
cs[j]=new CIE.Student();
cs[j].accept();
ci[j]=new CIE.Internals();
ci[j].Iaccept();
se[j]=new SEE.Externals();
se[j].Eaccept();
for(int j=0;j<n;j++)
cs[j].display();
System.out.println("Final marks of student "+(j+1));
for(int i=0;i<5;i++)
FS=(int)(ci[j].CieMarks[i]+se[j].SeeMarks[i]/2);
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FinalMarks.java - Notepad
File Edit Format View Help
   public static void main(String sss[])
int FS;
      Scanner F=new Scanner(System.in);
      System.out.println("Enter the number of Students");
       int n=F.nextInt();
        CIE.Student[] cs= new CIE.Student[n];
        CIE.Internals[] ci= new CIE.Internals[n];
        SEE.Externals[] se=new SEE.Externals[n];
  for(int j=0;j<n;j++)
cs[j]=new CIE.Student();
cs[j].accept();
ci[j]=new CIE.Internals();
ci[j].Iaccept();
se[j]=new SEE.Externals();
se[j].Eaccept();
for(int j=0;j<n;j++)
cs[j].display();
System.out.println("Final marks of student "+(j+1));
for(int i=0;i<5;i++)
FS=(int)(ci[j].CieMarks[i]+se[j].SeeMarks[i]/2);
System.out.println("In course: " +(i+1)+"is : "+(FS));
}
}
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