```
package CIE; the transfer of
 public class Pensonal
   protected string usn;
  protected string name;
protected int sem;
                               Itaing name, int sem
Public Personal (Itring usn.
    this wan = won ;
    this name = name;
   this 1em = sem;
  public void duplay Personal Sufo()
   Lystem.out. privation ("USN:" + wsn);
```

```
Justem out privator ("Name.
  dystem out println (" demester : " + sem),
  package UF;
   import java util teanner;
  public class Inturals entends Itudent
   protected int marks [] = new int [5];
   public void input (IE marks ()
   Scanner 1c= new Scannor (System in),
  dystem out println["Enter intound marks for
                       5 courses");
  for ( Int 1=0; 165; 1++)
  Tystem out printer ("courses: "+ (i+1)+ " ");
   marks [1] = 10 next 9nt ()
public void display CIEmanks ()
 System out printer ("Internal more's: ")
 for (Int 1=0; 125; 1++)
   Tystem out printin ("loweses;" + (i+1) "A growts[i]
package CIE;
import CIE internals;
import java util- learnou;
Public class Enternals entends Internals
```

```
protected 1nd enternal Hauts (3 = new 1nd (53))
protected and final houses 23 = new
 public Enternals ()
  columnal Maries = rieu int? 53;
   final Houses = now (rite 5);
 public void input seemants ()
  Acannes 10-new Acannes (System in);
  Nystem out printer (" Enter enternal mark");
   fortive 1 = 0; 125; 1+7)
    System. out printer ("course"+(i+D+
    Import SEE Enternall;
    import java wil + ,
     public class hain
   public static void main (Atning augus)
      Scanner sc=new scanner (system-in),
      System but private (" Enter no of students");
        (not n = sc next Int ()
        Enternals EJ student - nous Endermals EnJ;
        for (int i = 0; ikn; it)
           Atudenti (1) = new Enternals ();
           Students ETJ - input Student Delails ()
            students EIZO. input (IE maus ()
            Students (1) input SEE manks ();
            Students (1) calculate Final Hauks ();
```

Students SiJ. display Final Mantes (); Jor (1=0; 1 Ln; 1++) Thomas waters of aftering two Rifered Develop of Hickory two washed They proper they bridge and they Margar 18 and the same

C:\Users\STUDENT\Desktop\cse>javac Main.java

```
C:\Users\STUDENT\Desktop\cse>java Main
Enter number of students: 2
Enter USN: 18M23CS090
Enter Name: DHARUNYA
Enter Semester: 2
Enter Internal Marks for 5 courses:
Course 1: 90
Course 2: 98
Course 3: 89
Course 4: 88
Course 5: 97
Enter External Marks for 5 courses:
Course 1: 99
Course 2: 97
Course 3: 96
Course 4: 95
Course 5: 92
Enter USN: 18M23CS001
Enter Name: XYZ
Enter Semester: 2
Enter Internal Marks for 5 courses:
Course 1: 78
Course 2: 89
Course 3: 87
Course 4: 67
Course 5: 77
Enter External Marks for 5 courses:
Course 2: 98
Course 3: 78
Course 4; 68
Course 5: 66
USN: 18M23C5090
Name: CHARLINYA
Semester: 2
Internal Marks:
Course 1: 99
Course 3: 89
Course 4: 88
Course 5: 97
External Marks
Course 2: 97
Course 3: 96
Course 4: 95
Course 5: 92
Final Harts
```

Ct/Windows/System32/cred.e X Course 4: 68 Course 5: 66 USN: 1BM23CS090 Name: DHARUNYA Semester: 2 Internal Marks: Course 1: 99 Course 2: 98 Course 3: 89 Course 4: 88 Course 5: 97 External Marks: Course 1: 99 Course 2: 97 Course 3: 96 Course 4: 95 Course 5: 92 Final Marks: Course 1: 189 Course 2: 195 Course 3: 185 Course 4: 183 Course 5: 189 USN: 18M23CS001 Name: XYZ Semester: 2 Internal Marks: Course 1: 78 Course 2: 89 Course 3: 87 Course 4: 67 Course 5: 77 External Marks: Course 1: 90 Course 2: 98 Course 3: 78 Course 4: 68 Course 5: 66 Final Marks: Course 1: 168 Course 2: 187 Course 3: 165 Course 4: 115 Course 51 143