```
Lab-7
```

11 Student . Java

Parkage . CIE)

Emport java, util , Scanner;

Public Class Studend &

protected strong usn = new Strong (); protected strong name > new strong (); protected port sam;

public void input Stedend Details () {

Scanner scanner = new Scanner (System. 11);

System.out. public "Enter us n: ");

USN = Scanny , next ();

System. Out. prut QD("Enter Name:");

name = Scanner. next ();

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

Sem = Scanner. next Int ();

Jublic Void display Studend Details () {

System.out. pruth ("US N2" + USN);

System.out. pruth ("Name:" + name);

System out, periater ("Semester:"+ sem);

```
, Internals Sava
                                Many the way were the
package CIE;
pyrat - Q java . wil. Siama;
public Clas internals extends stident ;
 protected int marks [] = new Int [5];
  public word injust CIE marks ( ) 5
     Scanner scanner : new Scanner Oystem. 11);
    System out . fronth ("Enter the isteral marks for "+ names);
    for (Indi=0; 1<5; 1++) {
        System. out. prof("Subject" + (i+1) + "marks:");
       marks [i] = Scannor. next Fit ();
                                 Judak word displayfund Make
11 Externals. java
                                 display Student Mobils ();
 poukage SEE;
import CIE. Intornels;
                              System as lost ( Subject
import java: will. Scamer;
 public Class External external Internals {
     protected 1st marks [3;
   protected (nt final Marks [];
    hubble Edmas Of
       monks = new rd (5);
       final Marks = new int [5];
```

```
11 Main java
 public word input SEE months () {
                                                           Import SEE. Extends;
   Scarner Scarner = new Scarner (System. 10);
                                                             public Of Main &
    System out . polith (" Enter SEE Marks for" + name);
                                                                public static void not
    for Cintier : 1 cs = i++) { I was - [] almost but butchesp
                                                                     1rt numof Stud
      System. out fuet (" Subject "+ (i+1)+" marks: ");
                                                                      . Ectorials fine
      mortes [i] = scann. noxt Int ();
                                                                   for (Inti=0; 1
 I come to alyon your jump in a by Julia
                                                                          funal Mark
                                                                          funal Mark
public vard calculate Final Marks () }
                                                                          System. or
       for (int 1=0; ics; 11++) on more = fil shrow
                                                                          fral Mort
        fund Mouth [i] = morks [i] (2 + super. morks [i);
                                                                          System. 0
                                                                            fund she
  public void display final Marks () {
                                                 Bornels. jour
       display Student Websils ();
                                                         32 spales System out.
       for (10ti=0; ics /1++)
                                                                       for Conti=
         System. out. Joseth ("Subject" + (1+1)+": "+ final Marker [1]):
                             Public Class Extensels extend Intervals [
                                            protected of marker [].
                                       protected out find blanks [];
                                                  Juble Educate Of
                                              marks = new od (6);
                                         funal Marks = new 106(5);
```

```
Main java
import SEE. Edenals;
public can Main ?
  Jubble static void note ( String age (7) }
        1rd new of Students = 2:
       · External final Marks [] = new Externals (new of Stedents];
   for (Inti=0; i enum of students; i++) {
         funal Marks[1] = new Externels ();
         funal Marks (i). injut Student Detalls ();
        System. oed. pretter ("Ent CIE nocks");
       fral Monto Ei) infut (IE montos C);
        System out purulle (" Exta SEE morter"):
       fund Marks [i] . injust SEE months (1;
    z
                                                  hird war see made for d
System. out, portilor (" Displayy date: \n");
                                                           18:11
for ( Not i = 0; ic no of students; 171.);
                                                             512:89
         final Marks [i]. Colulatifical Marks ();
                                                             593:87
        fund Marks [1]. dis filay fund Marks ();
                                                         88.80 : 4 FE
                                              ENT USING 1 BM2/8320
                                                   9. Ju . 50 / ton : 2
                                           318 than Land T. H.S
```

Output!	Edwal. Februal.	Swb 1 = 45
Entu USN: IBMERCS 21		Sub 2 = 47
Enduram: A	Finger 24 yes not more (Brief con 21/45 upper	Sulo 3: 40
Entu Senstr: 2	Fid num of Students = 2	Sub 4:43
	Extremel final Marks [] = new Externals	Sub 5: 744
Entr CIE mass. Entr Intend mark for A	for (181:0: 15 num of shorters): 1+7) &	Endn SEG mouts
Sub 1: 45	(C) Monopole cost - (Como o social).	Enta SEE mortes
Sul 2: 40	1) Should Depart Sudart Debut (1)	Sub 4 : 90
Seb 3: 42	- ystem. Och. protes ("East (IF nate");	Sub 2 = 78
Sub 4:43	Cochon 3B) Enfoi. (Bohal, lang	SW03 = 799
Sub5 : 49	System ord - prestly (" Cota accounter ")	Sub 4:89
Rut for SER months	fundajopo (1) - : white 250 morpho (1)	Sub 5 :80
Stappiset made for .	4	10 psylaying
Sub 1: 85	out forthe ("Displays close in);	Usn: 11
Sub 2: 89	i=0) ic No of Epignibilia	Comit H
Sub 3:87	ford Marko []. Coledolifical Marko ();	Sanata
Sul 4 = 888	fund Note (i) display find North ();	5 wb 1 =
Sab 5:87		Sub 2:
End USN: IBMOZ	cs220	Sub 3
Rote None = B		Suba
Situ Seveter:	7)	Sub
gut CIE mords		
Entra Juternal Marks for B		

Sub 1 = 45 Sub 2: 47 Sub 3: 40 Sulo 4:43 Sub 5: 744 Side SEE mosts 18:040 Enter Seconords for B Sub 4: 90 Sub 2: 78 SW03:79

Sub 4:89

Sub 5:80

10 Psplaying chato!

USN: IBM22CS 201

New : A p

Sanuta: 2

Sub 1:87

Sub 2:90

Sub 3:85

Sub 4:87

Sub. 5 287

USN 11BM22CS220 None: B Seruta = 2 Swb 1290 Sul 2 :86 Sub 3:76 Sub4: 86 sabr: 75 i who chair copa! US-US 18/12905201 1 ALMANA Sanata: 2 T8: E du 09: 2 di 33:88