```
A Mary No.
       Lab-2 x
SGIPA
import java. wtil Scarner;
Class Subject
     int subject Marks;
                                  edinance of the state of the state of the
     int coudits;
                                    the state of the target of the state of
     String grade;
                                           With the second the
Class Student
                                    (" (Albert ) who when I has make the
                                            Colorbana - Him W
    strang name;
                                  Edgest C.J. Subject Months months;
   Strang usn
    double SGIPA;
                         $ ( marks 3 1 = 5 90 d & moth = = 100)
    Scanna s;
    Subject Subject ( ];
                                     24/11), grade "o"
    Student ()
                                      ested (much 2= 80 ece monto.
       inti;
      Subject = new Subject (9);
      for (1=0; 1<9; 1+t)
                                      dublish [1) grue = "H+"
            Subject [i] = new Subject ();
        S = new S Canner (System. In);
     3
                                        dudget (i). godo = "A
    void get Stedent Details ()
                                               of a record & !
      System. out print for ("enter your name: ");
       hame = S. nesct line ();
       System out. puth ( varty you USN:");
      USN = S. next Lhu ();
                               wints I great from the city
  3
```

```
void get Marks ()
    int 1:
  for (120; ic8; i++)
  System. Out. prut la C"ent's the marks and credits for course "+ i+"
  System. out. println ("marks:");
  lot nearly = S. next Int();
 System. Out. perhot en ("Gudits:");
int Gudit = S. nest Int ();
Subject Ci]. Subject Morks = morks;
Subject (i). credits = credit;
                                                 ATA CALL
 if (marks > 1=0 90. 48 mark < =100)
                                           induction :
       subject (i). grade = "0";
  estil (morts >= 80 et marts <90)
                                    (3) topolic was a trigger (3)
                                (17) (P-1:17=1)
      subject [1]. grade = "A+";
                           which [] = new subject C
 du if (norte 7 = 70 44 marks < 80)
       Subject (i). gode = "A".
                                            15 1 of Studied De
  Ele : (marks 7266 El morks < 70)
                                      Miller to we
                                    all was book and
    subject [1] greeto = "B+")
Che il (marks ? 250 & marks (60)
```

```
Subject (1) grade = "B";
   class if (marks >=40 LE marks <50)
         subject (i). gad = "c";
   else if (morks > = 0 le morbs < 40)
        subject. [i]. grade = "F";
                       The state and have sent overthe
                            given that fooding ?" How sales is
Vold Compute SGIPACI
   int i;
 double sopa;
  double total Gedits 20;
  double totalgrade pout = 0; and make it with the second brown second
  for (1=0; ic 8; 1+1)
                           Etalent Star var Studiet )
                              St-git Spokent Other 13
   total oredit + = subject CiJ. credit;
   Switch (subject (1). grade)
                                    Compile SSPACE
     Case "o": totalgrad points + = 10 * Subject [i]. credit;
              break;
    Cose "A+": total grade polits + = 9 * subside [i]. Oredits:
             break;
    Case "A": total grade points + 28 " Sceliced Ci). crediti
             break;
   case "B+": total grade points + = 7" subject (i). und's;
```

brech '

```
Case 's": total grade poutst = 6 * Subject [1]. Credits;
          break;
        Cose "C": totalgrade polis + = 5 * Subject Ci). cred #s;
          break;
        Case F": total grade potots + = 0 * subject (i). credits.
                                      July 577, 1846
    Sgpa = total. grade polits / total credits:
     System. out-forth (" the sgpa is: "+ Sgpa);
Class sgpa
2
                                         0 = debel lead being
      pullic static void man (sking ags CJ) that introduction in a
         Student S1 = New Student
         SI-get Student Detail ()
          Slight Horks(); dibed (i) holder = y disable entit
         SI computer SBrPAC);
                                  " the (suggest CO) good)
                                 total great great t
  Enter you name!
  Revarth K
  Ende your USN
  16M22CS220.
```

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Situ the marks and aedit for cours o.
  marks:
  95
  Gudit :
                                      of : if again with
 Ent the make and cred to for cours 1:
 marke;
 92
 credits
Ends the marks and credit for course!
monts:
 @0
 oudits:
 31
ente the marks and Credit for Cours 3:
marks:
Ord'ts:
 L
Ent the most of for com 4;
 mals:
   $ 91
Credits
  3
cut the mot and low 5;
  - Morte: 91
```

oudits = 4

Mark: 90 orditi: the sgpa is: 10.000

Ends the marks and credit for cour 7;