```
Edwa a 5 digit numbers
Lat Program -2
SGPA Galulator
                                                                                                                                               2: Migits to mulo
  infort jans. util . Scanner;
    class student {
                                                                                                                                                                . San E le studie
                  String usn. name:
                                                                                                                                                                bertlendbedt method
                       int n;
                                          alled main ( Along about 1)
            Student () {
                                                                                      slatic void langelet (int i, vite; vite t)
                          String subject [] = new String [10];
                           int oredite [] = new int [10];
                                                                                                                        il (1 >= 1 & 1 >= k) {
                            dystem. out. fourth (1+" is the land at mortes of surface.
                                                                                                                        ] (1== i 22 j== x) [
word read ()
                                             dystem. But . Hirth ( j + " is the largest hunder");
          Scarner infut = new Scarner (System is);
          Lysten. out. printer (" Enter your name: 3); i=<> 38 j=<>) di
            System - Out. println ("Enter your USN");
             usn = input. next line (1;
              System - out - printer (" Enter number of subject "):

(1) exist printed interest in
                 n = input . next=Int (1;
              input . next line ();
                                                                                                         i (lb) toxo) talkelat (chost (all i
  for (int i = 0; i < n; i++) {
             System. out. printer (" Enter Subject! " jato) Interval. regulat :
                                                                                                      K = trager . from the (orbit 2) );
             Subject [i] = input . next Line ();
              Lysten . Out . fourth (" Enter credite "); i(21, [1]) Hegelal
               credita [i] = infut - nest Int ();
            System. out . printer (" Entry mortes ");
             marks [i] = infut . next got();
             vifut · neutline (1;
```

```
word display ()
                                                                   class marks f
 Lystem. out . printh ("Wane: "+ name) in (1 prints) vian bian istall sitely
 Lyslen . But . Winter ("USN: " + USn + "In") ; Loubald wer - slew trabuld
                                                       chle. Read [1;
  Lyslem. But - printer ("Subject It Coredite It Morks");
                                                    . Who display ():
 for (int i = 0; icn; i++)
                                                     chle . whilelelli
    Lysten . out. printer ( subject [i] + "It" + credits [i] + "It" + marks (i));
                                                                        author -
  int grade (int a) {
                                          Eden years name: Right
      while (a/10! = 0) f
                                    Enly your USN: 18M22CS722
         a = a/10;
                                     · Erlen number of Subjects: # 3
      if ((a+1) > 5)/8
                                                Enter subject: Math
       return (a+1);
                                                  Enlar wedith: 4
                                                  Enter marks: 80
 else if ((a+1)==5) {
                                            Eder Subject: Whenestry
      retorn a:
                                                 Enter webits: 4
      else of return 0; j
                                                 Enks marks: 95
                                               Eden Sulgist: Aysis
                                                   Enter wealth: 4
  woid whilate () f
     int total - credit = 0;
                                                  Eden marks: 85
      int marks - brediti = 0;
                                                                    Marie: Rishi
      for (int i = 0; i < n ; i++)
                                                            USN: 18M2265222
        total - bredit + - bredit [i];
                                                         Sulyate Greatite marks
        morks - oredite + = grade (morks [i]) * oredite [i];
                                                               y Ham
                                                           Physics 4 95
     System. out. Frinth ("SGPA is "+ (double) marks_vediti / total - vediti),"
  3
                                                                  Sapa i 9.15
```

```
class marks f
                                                                () Paper
   heldie State word main (Ebring [) origin for +": small") retrived the
        Student who = new student (); " + asu + ": 420") allowy. to
          chle. read (); (" strong +/ thiseled +/ tripled") attack ...);
         eble display ();
                                               Mint i = 0; i < n; 1++)
         chle . whilstel);
      lysten. out. Printle ( Subject [i] + "t" + (seedet [i] + "t" + marks (i));
            Erder your rane: Rishi
                                                          of grade (int of E
                                                      while (a/101 = 0) {
            Enter your USN: 18M22CS222
                                                         a = a/10 ;
             Enter number of Subjects: 43
                                                       1 ((a+1) > 5) f
             Enter subject: Moth
             Enter crediti: 4
                                                      subser (a+1);
             Enter marks: 80
                                                       il ((a+1)==5) {
              Enter Subject: Whenistry
                                                         hehan a:
             Enter vredits: 4
             Enter marks: 95
                                                       elsed rebon 0; 3
             Erler Suleject: Physics
            Enter credits: 4
                                                        J () daludas 60
             Erder morks: 85
                                                   is - white - lotal to
                                                int marks - which = 0;
  Name: Rishi
                                              (++i; a>i; (0= j ta) /4
 USN: 18M 22C5222
                                           ([i] Miler = + Miler Latel
 Sulyiets Gredits Morks
                        ((i) dibre + ((i) bloom) share = + dibre - when
 Moth 4 80
Physics 4 95
 CAPA is 9.15
SGPA i 9.15
```