```
19 1223
Develop a Java program to Greate a class Student with
 members use, nome an array oredits and an array
 marks. Include methods to accept and details and a
method to Glavlan SGPA ga student display
                    SGAA -> del on sem
 Formula to Glavare (Gredits & Grade points)/course untity
grade = (mars/10) +1 Az9-12-23
impost java. UAl. # ;
  class Subjects
    int Subject Max 14 ;
   for tredits ; &
  Class Student ?
      Subject subject (7;
       String name;
        string USN;
        double SGPA;
        Scanner sc = new Scanner (system. in):
   student () }
   for i's
   Subject - new Subject [1];
   for (1=0; 1<8; (++) }
   subject[]: new subject);
  Noid get Student Details () {
     Pyrem ous printer ("Enter your name");
     nome - Sc next the O;
     Bystem, out println (" USN");
     USN = SC nextline ()
```

```
public void germans () ?
  to (inti=0's i<8 , i++)3
    gyptern out popula (" Enter the marks 48) "+(1+1);
    Subject[i]. Subject Masks - Sc. next Int();
System. out. pointh ("Enter the credits of" +(it))+
    Subject:");
    subject[i] - (redits = sc. next Int();
    subject [i]. grade = (Subject [i], subject Moster/10)+14
    if (subject[i].grade == 11) ?
          subjectlig. grade = 10;
         il (subject [i]. grade < 4) {
               Subjection grade=0;
           2 4 9
 Public void ComputesGPA ()?
    not effective Score = 0;
    Hoat SGPA = 0;
    to (Ant 1=0; 1<8; 1+1)$
          effective scare + = (subject(i). Credets * subject [i]. grade);
         total+ = subject (i]. oudits;
      System. out. println (" effective score: "+ effective score);
      SGPA = effective Score / total;
      Sustem out println ("SGPA" + SGPA);
```

