```
THE THEOLOGICAL COMMANDE
                                                    Import java.util.*;
lass Student
   private int n, credit[], marks[]; gp[];
   private String name, usn;
   double sum, sgpa;
   Student()
       usn-0;
   wold accept()
       Scanner scenew Scanner (System in);
       System.out.println("enter the number of the subjects:");
       n~sc.nextInt();
       credit-new int[n+1];
       marks-new int[n+1];
       System.out.println("mater use and name of the student ");
       usn-sc.next();
       name=sc.next();
       System.out.println( enter credit and marks in each subject");
        for(int i =1;i<=n;i++)
            System.out.printin(Tester subject TeleToredit and marks T);
            credit[1]~sc.nextInt();
           marks[i]-sc.nextInt();
    wold calculate()
        gpenew Int[n+1];
        int crewb;
        for(int i=1;ic=n;i++)
        1 (marks[1]>=98)
            gp[i]-18;
        nice if (marks[1]>-8888marks[1]<98)
            gp[1]+9;
        else If (marks[1]>=7886marks[1]<80)
```

```
gp=new int[n+1];
   int cre=0;
   for(int i=1;i<=n;i++)
  if(marks[i]>=90)
       gp[i]-10;
   else if (marks[i]>-80&&marks[i]<90)
       gp[i]-9;
  else if (marks[i]>=708&marks[i]<80)
       gp[i]-8:
   else if (marks[i]>=608&marks[i]<70)
       gp[i]=7;
   else if (marks[i]>=508&marks[i]<60)
       gp[i]=5;
   else if (marks[i]<48)
      ED[1]-0.
   sum-(double)(credit[i]*gp[i])+sum;
   cre-cre+credit[i];
   sgpa-sum/cre;
old display()
   System.out.println("usn:"+usn+"
                                     name: "+name);
   for(int i=1;ic=n;de+)
   System.out.println("marks: "+marks[i]+ grade points: (+gp[i]);
   System.out.println("sepa-"+sgpa);
 Studentmain
ublic static woid main(String[] args)
   Student si-new Student();
   sl.accept();
   sl.calculate();
   si.display();
```