Develop a Java program to create a class Student with members usn, name, an array credits and an array marks. Include methods to accept and display details and a method to calculate SGPA of a student.

```
import java.util.*;
import java.util.Scanner;
class student
  double sgpa;
  int marks, credit;
  String name, usn;
 void assign(String str,String usn1)
   name=str;
   usn=usn1;
  int grade(int a)
  if(a==100)
    return 10;
  return (a/10)+1;
 }
  void display()
  {
    System.out.println("name of the student is "+ name);
    System.out.println("Usn is "+usn);
   System.out.println("SGPA is "+sgpa);
  }
}
class SGPA
{
```

```
public static void main(String args[])
  {
     int sum=0,credsum=0;
     String sname, susn;
     Scanner sc=new Scanner(System.in);
     student s=new student();
     System.out.println("enter student name and usn respectively");
     sname=sc.nextLine();
     susn=sc.nextLine();
     s.assign(sname,susn);
     for(int i=0;i<5;i++)
     {
       System.out.println("enter marks and credit of subject "+ i+1 +" respectively");
       s.marks=sc.nextInt();
       s.credit=sc.nextInt();
       sum+=(s.grade(s.marks)*s.credit);
       credsum+=s.credit;
     }
       s.sgpa=(double)sum/credsum;
       s.display();
  }
}
```