

```

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
{1
    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();
}
}
```