```java
import java.util.*;
class student
{
String usn,name;
static int credits[];
static double marks[];
void input(int n)
{
Scanner sc=new Scanner(System.in);
System.out.println("enter student's USN and Name ");
usn=sc.nextLine();
name=sc.nextLine();
System.out.println("enter Marks and Credits");
for(int i=0;i<n;i++)
{
marks[i]=sc.nextDouble();
credits[i]=sc.nextInt();
System.out.println();
}
}
double calculate(int n)
{
int c,cred=0;
double tot,total=0.0;
for(int i=0;i<n;i++)
{
tot=marks[i];
if(tot>=90)
        c=10;
        else if(tot>=80)
        c=9;
        else if(tot>=70)
        c=8;
        else if(tot>=60)
        c=7;
        else if(tot>=50)
        c=6;
        else if(tot>=40)
c=4;
   else
c=0;
   total=total+(c*credits[i]);
cred=cred+credits[i];
}
total=total/cred;
return(total);
}
void display(int n,double total)
{
System.out.println("Name Of Student : "+name);
System.out.println("USN Of Student : "+usn);
System.out.println("Marks Of Student  with credits of the course");
for(int i=0;i<n;i++)
{
System.out.println(marks[i]+"   "+credits[i]);
}
System.out.println("SGPA of student : "+total);
}
public static void main(String args[])
{
```

```java
Scanner sc=new Scanner(System.in);
student obj=new student();
System.out.println("enter number of course ");
int n=sc.nextInt();
credits=new int[n];
marks=new double[n];
obj.input(n);
double total=obj.calculate(n);
obj.display(n,total);
}
}
```