```java
import java.util.*;
public class Student {
public static void main (String args[]) {
int usn, n;
int sgpa, sum= 0, msum = 0;
int [] credits;
int [] marks;
string name;
Scanner sc = new Scanner (System.in);
System.out.println ("Enter the number of subjects");
n = sc.nextInt();
credits = new int [n];
marks = new int [n];

System.out.println ("Enter the name of the student");
name = sc.next();
System.out.println ("Enter the usn of the student");
usn = sc.nextInt();
for (int i=0; i< n; i++)
{
}

System.out.println ("Enter the credits and marks of
the subject" + (i+1));
credits [i] = sc.nextInt();
marks [i] = sc.nextInt();
}

Student1 s1 = new Student1();
for (int x : credits) {
sum += x; }
for (int y : marks) {
msum += y; }
```

```
S1. accept (usn, credits, marks, name);
Sgpa = S1. Find Sgpa (sum);
S1. display (msum, Sgpa);
}
}


Class    Student1 {
int  usn;
int [] credits = new int [100];
int [] marks = new int [100];
string name;
void accept (int usn, int [] credits, int [] marks, string name)
{
this. usn = usn;
this. credits = credits;
this. marks = marks;
this. name = name;
}

void display (double tot, int Sgpa) {
System.out.println("\n Name :" + name + " USN :" + usn +
"\n Total Marks :" + tot + "\n Sgpa :" + Sgpa);
}

int Find Sgpa (int vsum) {
int Sgpa; int sum = 0, v = 0;
for (int x : marks) {
 sum += (credits [v++] * x);
}
Sgpa = sum / (vsum * 10);
return (Sgpa);
}
}
```