Main.java

```java
import java.util.*;
public class Main{
    public static void main(String args[]) {
        int usn ,n;
        int Sgpa,sum=0,msum=0;
        int[] credits;
        int[] marks;
        String name ="SAMPREETH P";
        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.FindSgpa(sum);
        s1.display(msum, Sgpa);
```

```java
            s1.accept(usn,credits,marks,name);
            Sgpa = s1.FindSgpa(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("\nName: "+name+"USN: "+usn+"\nTotal Marks: "+tot+"\nSgpa: "+Sgpa);
    }
    int  FindSgpa(int vsum) {
        int  Sgpa ; int sum=0,v=0;
        for(int x: marks) {

            sum +=(credits[v++]* x);


        }
        Sgpa = sum/(vsum*10);
        return (Sgpa);
    }
}
```

```
Enter the Number Of Subjects
3
Enter the name of the Student
sam
Enter the USN of The Student
123
Enter the Credits  And Marks Of The Subject1
3 60
Enter the Credits  And Marks Of The Subject2
2 70
Enter the Credits  And Marks Of The Subject3
4 67

Name: samUSN: 123
Total Marks: 197.0
Sgpa: 6


...Program finished with exit code 0
Press ENTER to exit console.
```