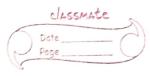2) Develop a java program to create a class Student with member USN, name, an array credits & an an array marks. Include methods to accept & display details & a method to calculate SGPA of a student.

```java
import java.lang.*;
import java.util.Scanner;

class Student {
    private String name;
    private String USN;
    private int[] credits;
    private int[] Score;
    private float SGPA;

    public Student() {
        int[] credits = new int[3];
        int[] Score = new int[3];
    }

    public String getName() {
        return name;
    }

    public void setName() {
        String name;

        System.out.print("Name: ");
        Scanner s = new Scanner(system.in);

        name = s.nextline();
        this.name = name;
    }
```

```java
Public String getUSN() {
    return USN;
}


public void setUSN() {
    String USN;

    System.out.print("USN: ");
    Scanner s = new Scanner(System.in);

    USN = s.nextLine();
    this.USN = USN;
}


Public int[] getCredits() {
    return credits;
}


public void setCredits() {
    int[] credit = new int[3];

    System.out.print("Credits (Enter Sequentially)");
    Scanner s = new Scanner(System.in);

    for(int i=0; i<3, i++)
        Credits[i] = s.nextInt();

    this.credits = credits;
}


Public int[] getScore() {
    return Score;
}
```

```java
public void setSare() {
 int[] Score = new int[3];

System.out.print("Scores (Enter sequentially):")
Scanner s= new Scanner(System.in);

for (int i=0, i<3; i++)
   Score[i]=s.nextInt();

 this.Score = Score;
}

   public float getSGPA(){
      return sgpA;
   }

public void setData() {
 setName();
 setUSN;
 setCredits();
 setScore();
 set SGPA();
}

public void setSGPA() {
   int[] credits= getCredits();
   int[] Score= getScore();
   int temp, Sum=0, creditSum=0;
   float SGPA;

   for (int i=0; i<3; i++) {
   temp= Score[i]/10;
   if (temp >10)
      temp ++;
```

```java
        Sum += temp * Credits[i];
        System.out.println(Sum);
        CreditSum += Credits[i];
    }

    SGPA = Sum / CreditSum;

    this.SGPA = SGPA;
    }

    public void printData() {
        System.out.println("Name = " + getName());
        System.out.println("USN: " + getUSN());
        System.out.println("SGPA: " + getSgPA());
    }
}


class SGPA_Calculator {
    public static void main(String[] args) {
        Student st = new Student();

        st.setData();
        st.printData();

    }
}
```