```java
import java.util.Scanner;

class Student
{
    private String usn;
    private String name;
    private int[] credits;
    private  int[] marks;
    private int sum=0;
    private double sgpa;
    private  int m=0;

    public void Usn(String usn) {
        this.usn = usn;
    }

    public void Name(String name) {
        this.name = name;
    }

    public void Credits(int[] credits) {
        this.credits = credits;
    }

    public void Marks(int[] marks) {
        this.marks = marks;
    }


    void display()
    {
        System.out.println("Name:"+name);
        System.out.println("USN"+usn);
        System.out.println("Credits of each subject:");
        for(int i=0;i<credits.length;i++)
        {
            System.out.println(credits[i]);
            m += credits[i];
        }
        System.out.println("Marks of each subject:");
        for(int i=0;i<marks.length;i++)
        {
```

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        }
        System.out.println("Marks of each subject:");
        for(int i=0;i<marks.length;i++)
        {
            System.out.println(marks[i]);
        }
    }
    void sgpa()
    {
        for(int i=0;i<marks.length;i++)
        {
            if(marks[i]>=90)
                sum += credits[i]*10;
            else if(marks[i]>=80 && marks[i]<90)
                sum += credits[i]*9;
            else if(marks[i]>=70 && marks[i]<80)
                sum += credits[i]*8;
            else if(marks[i]>=60 && marks[i]<70)
                sum += credits[i]*7;
            else if(marks[i]>=50 && marks[i]<60)
                sum += credits[i]*6;
            else if(marks[i]>=40 && marks[i]<50)
                sum += credits[i]*5;
            else
                sum += credits[i]*0;
        }
        sgpa = sum*1.0/m;
        System.out.println("SGPA:"+sgpa);
    }
}
public class Arya
{
    public static void main(String args[])
    {
        Scanner ss = new Scanner(System.in);
        int [] credits = new int[]{5,4,4,4,3};
        string [] subject = new string[]{"CHEMISTRY", "EM1","MECHANICS","EE
        int[] marks=new int[credits.length];
        for(int i=0;i<credits.length;i++)
        {
            System.out.print(subject[i]+":");
```

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            if(marks[i]>=90)
                sum += credits[i]*10;
            else if(marks[i]>=80 && marks[i]<90)
                sum += credits[i]*9;
            else if(marks[i]>=70 && marks[i]<80)
                sum += credits[i]*8;
            else if(marks[i]>=60 && marks[i]<70)
                sum += credits[i]*7;
            else if(marks[i]>=50 && marks[i]<60)
                sum += credits[i]*6;
            else if(marks[i]>=40 && marks[i]<50)
                sum += credits[i]*5;
            else
                sum += credits[i]*0;
        }
        sgpa = sum*1.0/m;
        System.out.println("SGPA:"+sgpa);
    }

}
public class Arya
{
    public static void main(String args[])
    {
        Scanner ss = new Scanner(System.in);
        int [] credits = new int[]{5,4,4,4,3};
        String [] subject = new  String[]{"CHEMISTRY", "EM1","MECHANICS","EEE","EED"};
        int[] marks=new int[credits.length];
        for(int i=0;i<credits.length;i++)
        {
            System.out.print(subject[i]+":");
            marks[i]=ss.nextInt();
        }
        Student s = new Student();
        s.Usn("1BM19CS044");
        s.Name("deepu k ");
        s.Marks(marks);
        s.Credits(credits);
        s.display();
        s.sgpa();
    }
}
```

```
C:\Users\Deepu K\java>javac arya.java
error: file not found: arya.java
Usage: javac <options> <source files>
use --help for a list of possible options

C:\Users\Deepu K\java>javac Arya.java

C:\Users\Deepu K\java>java Arya
CHEMISTRY:70
EM1:60
MECHANICS:70
EEE:80
EED:70
Name:deepu k
USN1BM19CS044
Credits of each subject:
5
4
4
4
3
Marks of each subject:
70
60
70
80
70
SGPA:8.0

C:\Users\Deepu K\java>_
```