8   OUTPUT   DEBUG CONSOLE   TERMINAL   REFACTOR PREVIEW

1: powershell

```
rs\Harshita\Desktop\java> javac lab2.java
rs\Harshita\Desktop\java> java StudentMain
 USN
58
 name

 credits and marks of subject0

 credits and marks of subject1

 credits and marks of subject2

 credits and marks of subject3

 credits and marks of subject4

 Details**
USN:1BM19CS058
name:Harshita
:3
subject0 90
:4
subject1 97
:2
subject2 78
:3
subject3 88
:2
subject4 90
gpa is:9.0
rs\Harshita\Desktop\java>
```

Ln 28, Col 25   Spaces: 4   UTF-8   CRLF   Java   👍   Java

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a > Student > calculate()

```java
port java.util.Scanner;
ass Student

    private String usn;
    private String sname;
    private double sgpa;
    private int[]c;
    private int[]marks;
    private int size=5;

    void acceptDetails()
    {
        Scanner s1=new Scanner(System.in);
        System.out.println("Enter the USN");
        usn=s1.next();
        System.out.println("Enter the name");
        sname=s1.next();
        c=new int[size];
        marks= new int[size];
        for(int i=0;i<size;i++)
        {
            System.out.println("enter the credits and marks of subject"+i);
            c[i]=s1.nextInt();
            marks[i]=s1.nextInt();
        }
    }

    void calculate()
    {
        int num=0,deno=0,gradep=0;
```

```java
    void calculate()
    {
        int num=0,deno=0,gradep=0;
        for(int i=0;i<size;i++)
        {
            if(marks[i]>=90)
            gradep=10;
            else if(marks[i]>=80)
            gradep=9;
            else if(marks[i]>=70)
            gradep=8;
            else if(marks[i]>=60)
            gradep=7;
            else if(marks[i]>=50)
            gradep=5;
            else if(marks[i]>=40)
            gradep=4;
            else if(marks[i]>=40)
            gradep=0;
            num +=gradep*c[i];
            deno +=c[i];
        }
        sgpa=num/deno;
        System.out.println("Student sgpa is:"+sgpa);
    }

    void printDetails()
    {
        System.out.println("**Student Details**");
```

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```java
void printDetails()
{

    System.out.println("**Student Details**");
    System.out.println("Student USN:"+usn);
    System.out.println("Student name:"+sname);
    for(int i=0;i<size;i++)
    {
        System.out.println("Credit is:"+c[i]);
        System.out.println("Marks of subject"+i+" "+marks[i]);
    }
}



ass StudentMain

Run | Debug
public static void main(String args[])
{
    Student s1=new Student();
    s1.acceptDetails();
    s1.printDetails();
    s1.calculate();
}
```