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1BM19CS179
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classmate
Date
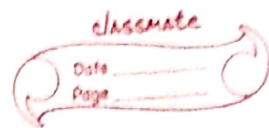Page

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Lab - 2

```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.print ln ("Enter the number
                    of subjects");

    n = sc.nextInt();
    credits = new int [n];
    marks = new int [n];
System.out.print ln ("Enter the name of the
                    Student");

    name = sc.next();

System.out.print ln("Enter the USN of the
                    student");

    usn = sc.nextInt();
for (int i=0; i<n; i++)
{

    system.out.print ln ("Enter the credits and
            marks of the subject" +(i+i));
    credits [i] = sc.nextInt();
    marks [i] = sc.nextInt();

}

    student 1 S1 = new student();
    for (int x : credits {
            Sum += x; }
```

```java
    for (int y : marks){
        msum += y;}

    S1.accept (usn, credits, marks, name);
    Sgpa = S1.find Sgpa (sum);
    S1.display (msum, sgpa);

    }

}

Class Student 1 {

    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 tat, int Sgpa){

    System.out.println ("\n Name:" + name + " USN:"
         + usn + "\n Totalmarks: + tot \n Sgpa :" + sgpa);
    }

    int find sgpa (int vsum {
    int sgpa; int sum = 0, v = 0;
    for (int x : marks){
```

```
sum + = (credits [vt+]* x);
}

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