Lab program-2.

→ Develop a java program to create a class student with members USN, name, an array credits and an array marks. Include methods to accept and display details and a method to calculate SGPA of a student.

```java
import java.util.Scanner;
class student
{
    String name;
    String usn;
    int marks[] = new int[3];
    int credit[] = new int[3];
    int totcredits()
    {
        int t=0,i;
        for(i=0; i<3; i++)
        {
            t=t+ credit[i];
        }
        return t; }}
    class cs044{
    public static void main(String args[])
    { system.out.println("enter the student name, usn \n");
        int i,t;
        float sgpa=0;
    Scanner sc= new Scanner(system.in);
    student s1 =new student();
    s1.name = sc.nextline();
```

```java
s1.usn= sc.nextLine();
S.O.P (" marks and  credit of each subject are)
for( i=0 ; i< 3 ; i++)
{ s1.marks [i] =sc .nextInt();
    if (s1.marks [i] == 100)
       s1.marks[i] = (s1.marks[i]/10);
   else
       s1.marks[i] = (s1.marks [i]/10)+1;
   s1.credit[i] = sc.nextInt();
   sgpa =sgpa + s1.marks[i] + s1.credit[i]; }
  += s4.totcredits ();
  sgpa =sgpa (/t);
  S.O.P ("sgpa of " + s1.name+" is \n "+
  sgpa); } }
```

```
 Directory of C:\Users\ADMIN\Desktop\oojlab

02-12-2022  17:58    <DIR>          .
02-12-2022  16:30    <DIR>          ..
18-11-2022  18:49            16,442 1668777458972.png
18-11-2022  18:49         1,227,711 1668777458985.jpg
18-11-2022  18:49         2,435,410 1668777458996.jpg
22-11-2022  23:52               662 bngh.txt
02-12-2022  17:58             1,554 Book.class
02-12-2022  17:57             1,655 bookdetail.java
29-11-2022  18:44               524 dmd.java
22-11-2022  23:52               662 javaaa.txt
18-11-2022  19:21               984 Lab1_java.java..txt
18-11-2022  19:19           636,178 Lab1_record.pdf
02-12-2022  17:58             1,162 labtwo.class
01-12-2022  23:20               424 oojsecondprogram.java
01-12-2022  23:22               469 oojthirdprogram.java
01-12-2022  22:58               469 oojthirdprogram.txt
02-12-2022  16:25               823 studentsgpa.java
30-11-2022  16:51               611 timeprogram.java
              16 File(s)      4,325,740 bytes
               2 Dir(s)  915,241,152,512 bytes free

C:\Users\ADMIN\Desktop\oojlab>javac studentsgpa.java

C:\Users\ADMIN\Desktop\oojlab>java cs009
enter the student name ,usn

advithi
cs009
marks and credit of each subjects are

40
50
60
2
3
4
sgpa ofadvithiis
4.785714

C:\Users\ADMIN\Desktop\oojlab>
```