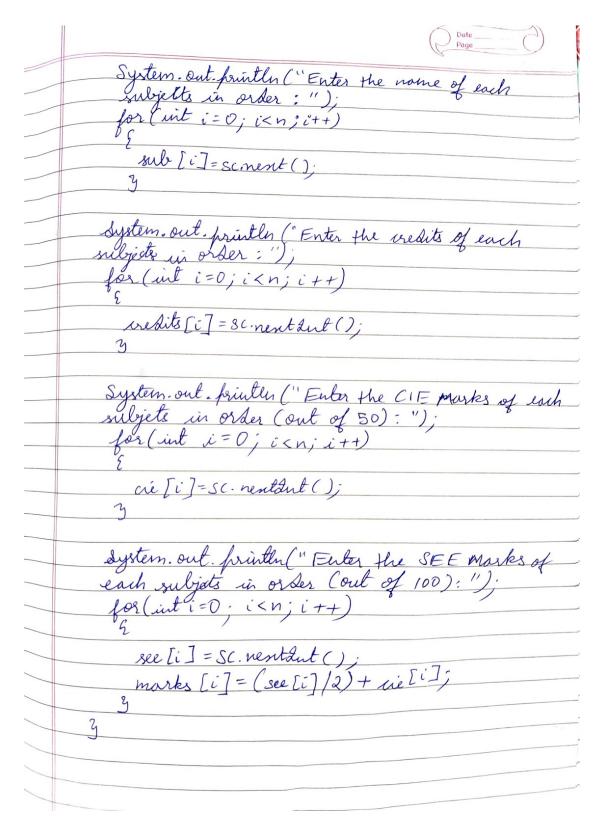
Lab Program 2

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.

	Date
2/12/12	
	Program 2: Develop a java program that prints
	all real robution to the quadratic equation, name
	to create a class student with members USM, name
	1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	The state of the s
	method to while I GIA of
	import jova. util. Scanner;
	class Student
	Student
	String vanie
	String sub [] = new String [20];
	int credits [7= new int [20];
	int marks[] = new int[20];
	int cil [] = new int [20];
	int sel[] = new int[20];
	int nj
	void acrept()
	System. out. perintles ("Enter the USN of the
	Stanner Sc = new Scanner (System.in);
	USN=Sc. Kent();
	System out frintly ("Ender the Name of the
	Student, I
	name = SC. next();
	System out println (" Enter the number of subjects:") n = Sc. next ant ();



```
Double calculate ()
    int totalare = 0;
    int Sum = 0;
    double sgpa;
for (int i=0; i<n; i++)
       sum + = check (marks[i], we [i], see [i])* credits[i]
      total cre + = credite[i];
    spa = (double) sum/totalcre;
int sheek (int.m, int e, int s)
  of (c<20)
 else
     if ((m >=90) ff (m <=100))
     else if ((m>=80) &$ (m < 90))
return 9;
```

() tote () else if ((m>= 70) & S(m < 80))
return 8; else if ((m>=60) f g (m<70)) return 7; else if ((m>= 55) ff (m< 60)) return 6; else if ((m>=50) ff(m<55))
setury 5; else if ((m >= 40) \$ \$ (m < 50)) else return o; void display (System. out. fruitln ("USN: "+ USN); System. out. fruitln ("Nome: "+ name); System. out. fruitln ("Subject It Gredite \t Marke It Grade Points"); for (int i=0; i<n; i+t) System. out. frintly (sub[i]+"|t"+ credits[i]+"|t"
+ markes [i]+"|t" + check (markes[i], see [i]);

Page ____ Sgpa = Calculate (); System. out. friedler ("SGPA = "+sgpa); class Mais 2 static void mais (Strung args []) Student SI = new student (); st. accept(); Sidesflay(). 3 Output :-Enter the USN of the Student: IBM21CS048 Enter the Name of the Student: Deeksha Exter the number of subjects: Enter the name of each subjects in order. Phylab BEELD IDT PWS Math BEE ECM EVI PHY Enter the credits of each subjects in order: Enter the CIE Marks of each subjects in order Cout of 50); 49 +8 44 49 49 49 46 48 50 Exter the SEE Marks of each subjetts in order (out of 100)

classmate oote____

					classmare
					Date
					~
	90 00	70	87 78 84	95 98	
	18 98	84 70	87 10 81	13 - 9	
	USN :	1BM21CSC	048		
	Name:	Deckelia			. <i>I</i> -
	Subject	Credits	marks	GradeRe	ring
	Phulah	Deckelia Credits	98	- 10	
	BEELAB	1	97	10	
-				g	
	IDT		86	9	
	PWS	1.	84		
	Math	3	92	10	
		3	88	9	
	BEE			9	
	ECM	3	88	1.0	
	EVI	3	95	10	
		4	99	110	
	PHY	,		02	122
	SG, PA =	9-6			

Output:

Command Prompt

```
Microsoft Windows [Version 10.0.19045.2251]
(c) Microsoft Corporation. All rights reserved.
C:\Users\bmsce>cd C:\Users\bmsce\Desktop\1BM21CS048\00J lab
C:\Users\bmsce\Desktop\1BM21CS048\00J lab>set path="C:\Program Files\Java\jdk-9.0.1\bin"
C:\Users\bmsce\Desktop\1BM21CS048\00J lab>javac Prog2.java
C:\Users\bmsce\Desktop\1BM21CS048\00J lab>java Main2
Enter the USN of the Student :
1BM21CS048
Enter the Name of the Student :
DEEKSHA
Enter the number of subjects :
Enter the name of each subjects in order :
PhyLab BEElab IDT PWS Math Bee ECM EVI PHY
Enter the credits of each subjects in order :
1 1 1 1 3 3 3 3 4
Enter the CIE Marks of each subjects in order(out of 50) :
49 48 44 49 49 49 46 48 50
Enter the SEE Marks of each subjects in order(out of 100):
98 98 84 70 87 78 84 95 98
USN : 1BM21CS048
Name : DEEKSHA
Subject Credits Marks
                        Grade Points
                98
                        10
PhyLab 1
BEElab 1
                97
                        10
IDT
                86
                        9
PWS
                84
                        9
Math
                92
                        10
Bee
                88
ECM
                88
                        9
EVI
                95
                        10
PHY
                99
                        10
       4
SGPA = 9.6
```