Lab Week- 2 Develop a java program to create a class student with members usn, name, an array oredits and on array marks. Include methods to accept and display details and a method to calculate SGIPA of a student. import java util Scanner; class Subject & int & subject Harks; int bredits; int quadely some little 1 Centrated subject the 2 > 200 f dass Student & Jack The Control of & to a sharp Estation & String name; String usn to the transmission of the state of the double SGPA: 1 - 25 - 25 - 21 - 21 Scanner Symphony The Thomas I was Subject subject (Monstructor 3 Student () & Budgets = new Subject [9] for (int i=0; i<9; i++) subjects Ci] = new Subject (); S= new Scanner (By (System.in); Void get Student Details () { System out println ("Enter student name:"); name = 5. nestline (); System. out. println ("Enter student visor:"). 3 Usn = s. nextline();

jdk > void get Marks() { for (int i=0; i<8; i++) { System out println ("Enter marks for subject" + (i+1) + ":"); Subjects [i]. subject Marks = s. next Int (); System.out.println("Enter oredits for subject"
+(i+1) + ":"); subjects [i] subject Man subjects [i] vedits = 8. nexter if (subjects[i]. subject Marks >= 90) ¿ subjects [i] grade = 10; } else if (Subject Git subject Marks >= 80) & subjects [i] - grade = 9; } che if Csubject Ci7. subject Harks >= 70) { subjects [i]. grade = 8; } else if Csubjecta T. subject Marks >= 60) & subjects [i] - grade = 7; 3 che if Csubjecti's subject Marks >= 50) + subjects [i] grade = 6; } else if (subject Li). subject Marks >= 40 & subjects ti I grade = 5; } S subjects [i] grade = 0; 3 Miroid get Marks ending paranthusis void compute SyPA() & double total (redits = 0; double creditagained = 0; for (int i=0; i<8; i++) { int total Gredits + = subjects [i]. credits;

	PAGE NO : DATE :
	crediting ained + = subject Ci J. credits "subjects Ci J. grade SGPA = crediting ained / total credits; 3
	3 . Ouchits subjects Lid. gerade
	SGIA = creditsgained / totalleredits.
	3
_	and the transfer of the state o
_	Void display Result () {
_	Void display Result () { System. out. println("Student Name: "+name). System. out. println("Student VSN: "+ VSN). System. out. println("SGPA" + SGPA); 3
_	System. out println("Student USN: "+ USD)
_	System. out. println("SGPA" + SGPA);
	2 11 12
	3 /1 class student ending paranthesis
	Public Clais Main ?
	Public class Main & Public static void main (String (I crogs) &
	Chil # at Chil
	Student s1 = new Student();
	S1 get Student Detail (); S1 get Marks ();
	SI. get Marks ().
	J. Cor Que Soff ();
	s1. displayResult();
	3. 24 54 54 04 04 04 04 04 04 04 04 04 04 04 04 04
	Output: Enter Student name:
	Pralshanjan
	Enter set student USN:
	1BM22.CS196
	Enter marks for subject 1:
	90
_	Enter credita for subject 1:
_	4
_	Enter marks for subject 2:
_	89
_	Enter credite for subject 2:
	4

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E.C.L.	Enter Marks for subject 3:	2
	Enter credits for subject 3:	\$
	Enter marks for subject 4:	
· (sun	Enter mont credits for subject 4:	Ve
	Enter marks for subject 6:	
	Enter credits for subject 6:	5
	2	
	Grant Daniel State of the	
	Enter mærks for subject 8:	
	Enter credits for subject 8:	
	Student Name: Brabhanjan	
	Studen USA: 1BN2>CS196 SGPA: 9.5909090	
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1919	7387 71 7112 112 112 1	
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