__/__/___ Develop a Java program to create a class Lab Porogram D: Student with members usn, name, an array credits and an away marks. Include methods to accept and display details and a method to calculate SGPA of a student. SGPA = E[(course Gredits)(Grade Points)]

E[(course Gredits)] SGPA agree & import jara util Scanner; class Subject int subject Marks; unt credits; unt grade; class Student Broth January Subject subject []; String name, String usn; Scanner 18; Student () just in state silision subject = new Subject [9]; for [i=0; i<9; i++) subject [i]=new Subject() s=new Scanner (System.in);

get Student Details() System.out print ("Enter your Name: 3"); name = s. next(); System.out print ("Enter your USN:"). USn = s. next(); void get Marks() for (unt i=0; i<9; i++) System out point ("Enter marks for subject"

+ (iti) + 60) subject [i] subject Marks = s. next Int ();
System. out. print ("Enter credits for
subject ("+ (i+1)t");
subject [i] credit = s. next Int();
subject [i] grade = (subject [i] subject Marks
// 12) + 1. if [subject [i].grade = = ii)
subject [i].grade = 10;
if (subject [i].grade <= 4)
subject [i].grade = 0; void compute SGPA() public static void main (String args []) unt effectiveScore = 0; int totalCredits = 0;

por(int i=0, i<9; i++) effectivements core t = (subject/i]. grade *

subject fij. credits);

total Credits + = subject [i]. credits;

g

SGPA = (double) effective Score/(double)

total Credits; public static void main (Steing args[]) Students st- new Student (); &1. get Student Detaily); SI. get Marks () System. out. println ("Name:" + \$1. name); System. out. println ("USN:" + \$1. usn); System. out. println ("SCrPA:" + \$1. SGrPA); Output: Enter your Name: Sakshi Enter your USN: 1BM22CS233 Enter sharks for subject 1:80 Enter credit for subject 1:5 Enter marks for subject 2:70 Enter credits for subject 2:6 Enter marks for subject 3:50 Enter credits for subject 3:5

Enter marks for subject 4: 90 Enter credits for subject 4: 9 Enter marks for subject 5: 83
Enter credite for subject 5: 7
Enter marks for subject 6: 6:5 Enter credits por subject 6:5 Enter marks for subject 7: 70 Enter marks for subject 8:80 Enter credite for subject 8:8 Enter marks for subject 9:50 Enter credits gos subject 9:4 Name Sakshi USN: Sakski IBMDDCS 233 SGPA: 8,2727 Name: Sakshi B.R USN: IBM22CS233