LAB Program -(2) 12 23 Develop a java prog to create a class student Develop a java prog an array credits and with member usn, name, an array credits and an away marks. Include method to accept an away marks, Include a method to calay, SGPA of a student. SGPA = E[(cource (redits) (Grade Points)] ¿ [Course (redits)] import java. Util. Scanner. class subject int Subject Marks; int wedits; int grade; class student subject subject []; String vame: double sgpar-0; scanners; student () inti. subject : new Subject (8): for (i=0; ic8; i+1) subject [i] = new Subject (); S= new Scanner (system in);

void getstudent Details () System. out. println ("Enley you name!"); system.out. printly ("Enter your win: "): USN = S. Nest() void get maules () for lint 1=0; 1<8; 1+1) system. put. println ("Enler marks for subject" + (i+1)+":"); subject (i]. subject Martes = s. nextInt(); system out printly "Enler redits for subject" + (i+1)+" subject [i]. credits = s. next Into; Subject [i]. grade = (subject[i]. subject Harks/10)+1; if (subject [i], grade >11) subject (i) grade =10; if ( subject (i). grade <= 4) subject [i]. grade = 0; void compute SGPAC) int total credits =0' for (int 1=0; 158; 1++) sgpart= (subject[i]. credits \* subject[i]. grade); total Credits += subject (i) credits; Sgpa = sgpa/total (redits;

class main public static void main (string avgs (3) student s1 = new student (); Sl. getstudents Details (); st. get marks(); SI. compute SGPA(); system. out. println ("Mame: "+si. name); System. out. println ("Usn:" +si. Usn); Sytem. out. println ("SGPA" + 51. Sgpa); Output! Enter your name stoomanto shveyous Entel you usw 1BN22CS271 Enler somails of subject! Enter credits of subject 1 Enter enactes of subject 2 Enter concredits of subject 3 Enter marks of subject 3 Ender credits of subject 3 Ender marks of subject 4 Enter credits of subject u

