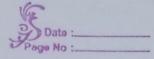


Lab Programme 2 Develop a Java program to create a class Student with members use, name, an marks. Include methods to accept and display details and a method to calculate SGPA of a student. import jarra util. Scanner; class Sulject int subject Marks; int credits; int grade; class Student Sulject sulject[]; String name; String usn; double SGPA; int total credits = 0; Scanner S; Student (int n) subject = neve Subject [n]; for (int i=0; i<n; i++) sulyect[i] = new Sulyect();



5= new Scanner (System in); void get Student Details() Scanner 3 = new Scanner (System in); System out println ("Enter student's name:"); name = s. nextdine();
System.out frientln ("Enter usn no.");
usn = s. nextdine(); void get Marks (int n) int i;
Scanner S = new Scanner (System.in);
System. out. fraintln ("Enter" + n +

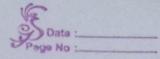
"subject marks along
with credits:");

fortio; i < n; i + +) System out println ("Enter marks and credits for subject" + (i+1) + ":"); Subject [i7. subject Marks = s. next Int(); subject[i]. credits = 5. nextInt(); if (subject [i] subject Marks >100 11 { subject[i]. subjectMarks <0) System out friently ("Invalid input").

1-; 1/Re-enter marks and credits

for the coverent subject

else total credits + = subject [i]. credits; void compute SGPA (int n) int is int total score = 0; subject [0]. gerade = 0; for (i=0; i<n; i+t) if (sulyect [i] sulyect Marks >=90 && sulyect [i] sulyect Marks <=100) sulject[i]. grade = 10; total score + = (sulject[i]. grade *. sulject[i]. credits); else if (subject [i]. subject Marks >= 80 && subject [i]. subject Marks <= 89) subject [i]. gerade = 9; total score + = (subject [i]. gerade * subject [i]. credits; else if (sulyect[i], suljectMarks>=70 && sulyect[i], suljectMarks <=79) sulyect [i] gerade = 8; total score + = (sulyect [i] gerade * sulject [i] credits)



dse if (subject [i] subject Marks >= 60 88 subject [i] subject Harks <= 69) sulject [i]. gerade = 7: total score + = (sulject [i]. gerade * sulject [i]. credite); else if (subject [i]. subject Marks > = 50 &&

subject [i]. subject Marks (= 59)

subject [i]. grade = 6;

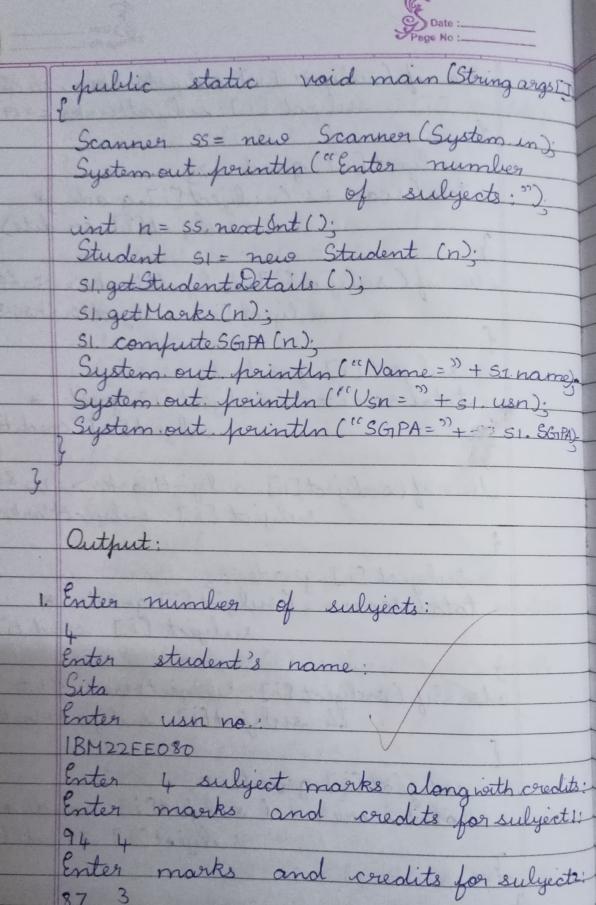
total score + = (subject [i]. grade *

subject [i]. oredits; else if (suliject [i]. suliject Marks >= 40 88

suliject [i]. suliject Marks >= 40 88 Sulyect [i] grade=5; total score+= (sulyect [i] grade * sulyect [i] credits); else if (subject [i]. subject Marks < 40 subject [i]. gerade=0; total score + = (subject[i]. gerade * subject[i]. coredite

1 total scoret

1 total s SGPA = (double) total score / total credition



Enter marks and credits for subjects:

Enter marks and credits for subject 4: Name - Sita don't was a son Usn = IBM22EE D8D0 SGPA = 9.25 2 Enter number of subjects:

Enter students name:

Azhan
Enter usn no: 18M22FF100
Enter 3 subject marks along with credits:
Enter marks and credits for subject 1: Invalid input Enter marks and credits for subject: Enter marks and credits for subjects Enter marks and credits for sulyect3: -16/3 Enter marks and credits for subjects: Name: Azhan Usn: 1.BM22EE100 SGIPA = 7.875 21/24