LAB-02 import java alil. Scamer int subject Marks, crediti, grade; }
class Student { String name; Tillian 1: Sking usn; Till Scamer s; subject subjects [];
Student () { subjects = new & subject [9]; for (i=0; i<8; i++){

subjects[i] = new Subjects(); }

s = new Scanner(System in); } name = s next line (); System out pointly (" Enter usn:"); usn = s. nexthine (); }

subjects [i] subject Marks = 5. next Int if (subjects [i]. subject Marks >= 40 68 subject [i] subject Marki <= 100){ subjects (i). grade - alculate Grade subject[i]. subject Montes); } surjects[i]. oreditate 5. next In calculate brade (in) { if (marks >= 90) & , return 10: moke >= 70 28 narks . else if (marks >= 60 && marked > else. return 7;

PAGE Nos public word compute SGPA () 5 int totscore = 0. Int totared to o for (int i=0; i (8; i+1) {

to tscore+= subjects[i] grade* subjects[i]. ordi totered = subjects [i]. credits; } SCTPA = (double) totscore/ (double) totered, pullic class Stad full public destatic word main (bling args[]) { Student of Frincis Student (). S1 get Student Details(); SI. get Student Marts (); SI. compute SCRA(); System out println (" Name: "+ 5/ name System out printle ("SCIPA: "+ SI. SCIPA); Will unell 50 PA - 10

OUTPUT Enter Name: Nid ... Enter USN: 123: Enter gulfect 1 marles : 100 Enly credits - 4 Enter Suljects 2 montes : 100 onler aredits = 4 Enler subject 3 marks = 100 Enter credity = 3 Enter subject 4 marks = 100 Enter credits = 3 Enter subject 5 marks = 100 Ender condita 2 3 Ender saliject 6 marks = 100 Enter Dudits 3 ... Enter subject 7 narles = 100 Enter credit = 1 the motors. Tuley bulged B. navder = 100 cute oredit = 1 Name = Nid usn = 123 54 PA - 10

```
John Doe
123456
Enter marks of subject1:
Enter marks of subject2:
Enter marks of subject3:
Enter credits:
Enter marks of subject4:
Enter marks of subject6:
Enter marks of subject7:
Enter credits:
Enter marks of subject8:
Student USN: 123456
Student SGPA: 8.34
```