Lab Program - 2 Develop a JAVA program to create a class student with members USN, name, on array credits and an array Include methods to accept and display details and a method to calculate SGIPA of a Student. SEl laurse Credits) (borade Points) Considering all courses registered. class Subject int subject Marks; int grade; Subject Subject [] String name, String USN double ShPA; Student ()

Effective Score + = (Subject C.J. grade * Subject C.J. Credition)
total Oudits+ = Subject C.J. Credits; 3 GPA = (double) effective scare/(double) total budil class Main Public static void main (String anget) Student sl= new Student ()', el. get Student Details (), SI. get Marks () SI- Compute SGPA();
System. Out point In ("Name: "+ SI named;
System. Out point In ("USN". + &I. USN);
System. Out point In ("SGPA" '+ &I. SGPA);
3 Output -Enter your name; SUREYA Enter your USN: 1BM22CS268 Enter marks for subject 1:98 Enter your credits for Subject 1:4 Enter your credits for subject 2:2. Enter your credits for Subject 3: 27
Enter your credits for Subject 3: 2.
Enter your credits for Subject 4: 98
Enter your credits for Subject 4: 3

Enter marks for subject 5:30

Enter your credits for subject 6:82

Enter your credits for subject 6:4 Enter your words for lubit 8: 1 Name-SHREYA USN: 1 BH22 CC268 Shpt., 9,2.