Date 19 12 23 Lab-2 -> Derelop a jara program to create a class Student with members Usn, an suray credits and accerage marks. Include methods to accept and dightay details and a method to calculate SGPA of a student. > import jara util Scanner; class subject & int subject Marks; unt geasle; class Student E String name, String usn; Souble 86PA; Scanner s: Sulject [] subjects; Student 1) E subjects = new Subject (87; for (i = 0; l ss; i++) subjects [i] = new Subject (); s = new Sgammer (System in); soid getmanks () {

for (int i = 0; i < 8; i++) {

System out pountly ("Inter

Setails for Suiter" + (i+1);

System out pount ("Inter marks");
subjects [i] subject Mark = s. norther
System out pount ("Inter widit:");
subjects [i] credits = s. norther); 9f (subjects [i]. subject Marks >= 90) {
subject [i]. grade = 10; else if (suljects [i] sulject Marks >= 80){

sulject [s] grade = 9; Else if (subjects [i]. subject Marks >= 70) {

subject (i]. grade = 8;

else if (subject (i]. subject Marks >= 6)

subject (i]. grade = 1;

else if (subject (i]. subject Mark >= 50)

subject [i]. grade = 6;

else if (subject (i]. subject Mark >= 40)

subject [i]. grade = 5;

else {

el subject (i) grade = 0; } roid compute SGPA () & double totallirestito Souble weighted Sum for (just i = 0; i < 8; i + +) &

Lotalleredit += subject [i] eredits weighted Sum + = subject [i] grade"
subject [i] vredit SGPA - weighted Sum / total wedits

system out puntln ("In Student Details"

System out puntln ("Name" +

System out puntln ("SGPA:"+

System out puntln ("SGPA:"+ public class Main & public static soid main (Sleings [I args) {
Student s/= new Student() s1. get Marks (); s1. get Marks (); s1. compute SGPA (); s1. dishlay Result U; autput: Shantany Shrina 1BM2268252

Date 1 1 Student details Shantanu Name 1BM2268252 IISN SGPA class exectangle &

public static roid main (Sleings

are 17 - Integer . parse Int & = Integer parse Int (args let a = & \* &; System out pointln ("length of sectangle" System out pointln ("breadth System out pointln ("Brea"= rectangle java 12 120