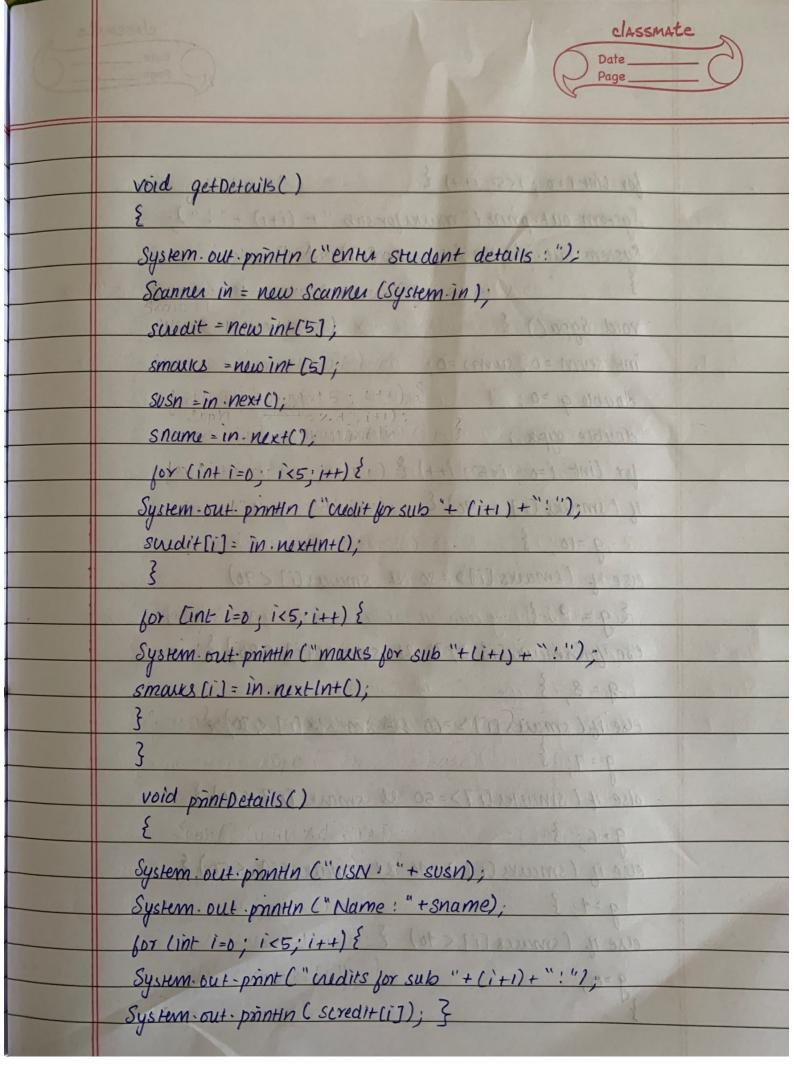
	CONSTRUCTION OF THE COLL ! ! !
WEEK 4:	6/10/2020
	Develop a Java program to create a class Student with members
	Usn, name, an away credits and an array manks Incude
	methods to accept and display details and a method to
	calculate SCAPA of a student.
	System are another (" in murrhen") . The standard of the stand
	import java. util-Scannu;
	clapp Student
	ENGLINE CONTRACTOR MAIN SECOND PROPERTY SECOND S
	private String susn;
	private Sming sname;
	private int scredit [7;
	private int smoots[];



```
for lint i=0; ix5; i++) }
System out print ("marks for sub"+ (i+1) +":");
System out printin (smarks [1]); }
int sum = 0, sum 2 = 0;
double 9 =0; (120 (141)
double sopour, mendan vol. and comme
for Cint (=0:125; i++) {
1 ( Smarks (i] >= 90) {
§ 9=10; }
esse if (smarks [i] > = 80 & smarks (i) < 90)
else if Csmanics[i] >=70 &s smanks[i] <80) {
9=8;}
esse if (smarks (i) >=60 &l smarks (i) < 70) {
  91=7:08all();
else if ( smarks li]>=50 ll smarks (i] <60) {
 9=69(1311)
else if (smarks (17) >=40 se smarks (1) <50) {
 g=1; } (amone + " small of allano dura more
else if Csmarks [i] < 10) {
g=0; " a (I rid a " chin mi min ) bring have
```

```
Sum + = g + stredit [i];
 sum 2+ = swedit (i);
Sgpa = sum/sum 2;
System out print ("SUPA of student: ");
System. out. printin (sgpa);
      ELLE SYNOCKER $ >= 80 BB. SYNOCKER COD COLSA
       CHE IL SIMMER 270 SE CHAMPER (SD MES
 public class Main of Samons and Mains I am
      8(80 CL SMALLES >=50 99 SMANKS <60, 0=6
 public static void main (sing ss[])
         else if smaske < 10, a=0
 Student si = new Student();
 S1. getDetails();
  S1- print Details (); MINUS A - MANY MINIMAN A AND
 SI. Sgpa (); Me MANN A MANNEY TO MANS ANIMS
```

Q	Page
	Algorithm:
Step1:	Start
Step 2:	Input student details i.e. usn, name, usedits and marks(of
	each of 5 subjects in 2 different arrays) in different arrays
Step3:	Display the student details in mountains message
Step 4:	4 smonke > 20, g = 10
	else if smalls = 80 & smalls < 90, 9=9
	else if smarks 570 && smarks < 80, g = 8
	else if smarks \$0 bl smarks < 70, g=7
	ecse if smarcs >= 50 22 smarcs < 60, 9=6
	else ij smarks >= to be smarks < 50, g= 4
	else if smarks < 10, g=0
	Out value of g and calculate sum of (g + credits) (sum)
Step 5:	Calculate sgrax Cret to sum of credits (sum 2)
Step 6:	Calculate sgpa = & sum sum 2
Step 7:	Print sapa of student in more memore.
Step 8:	Stop
	Marie Committee Street
	Children Comment (1803 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180