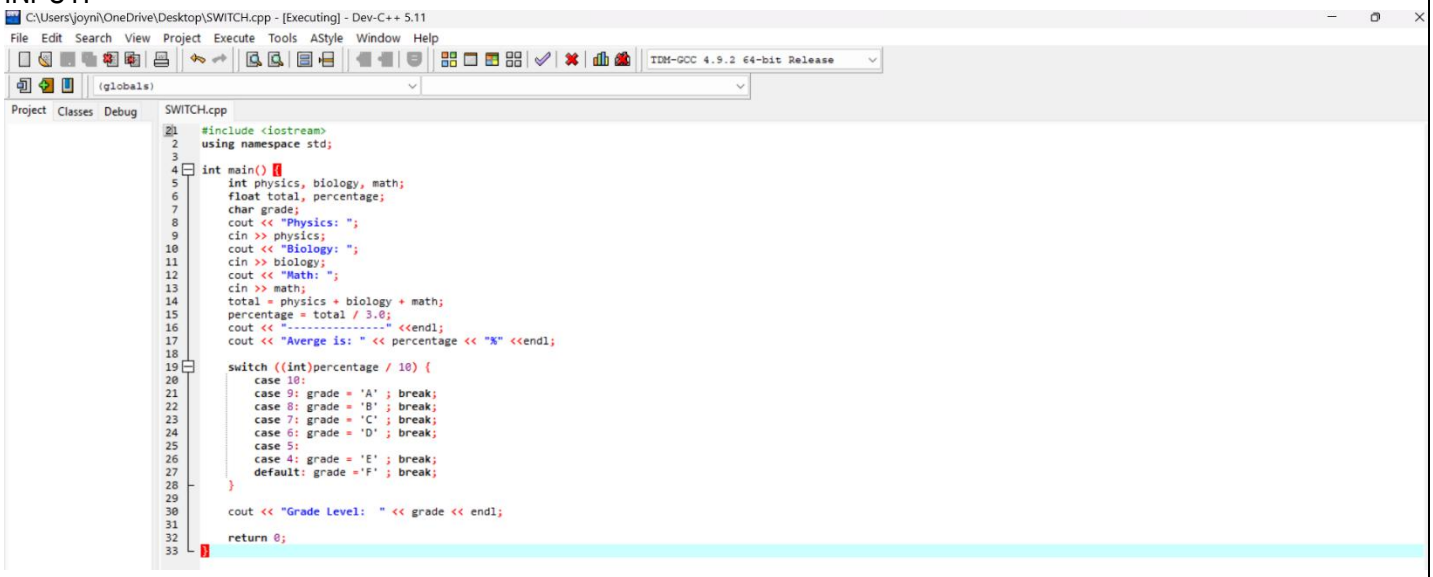
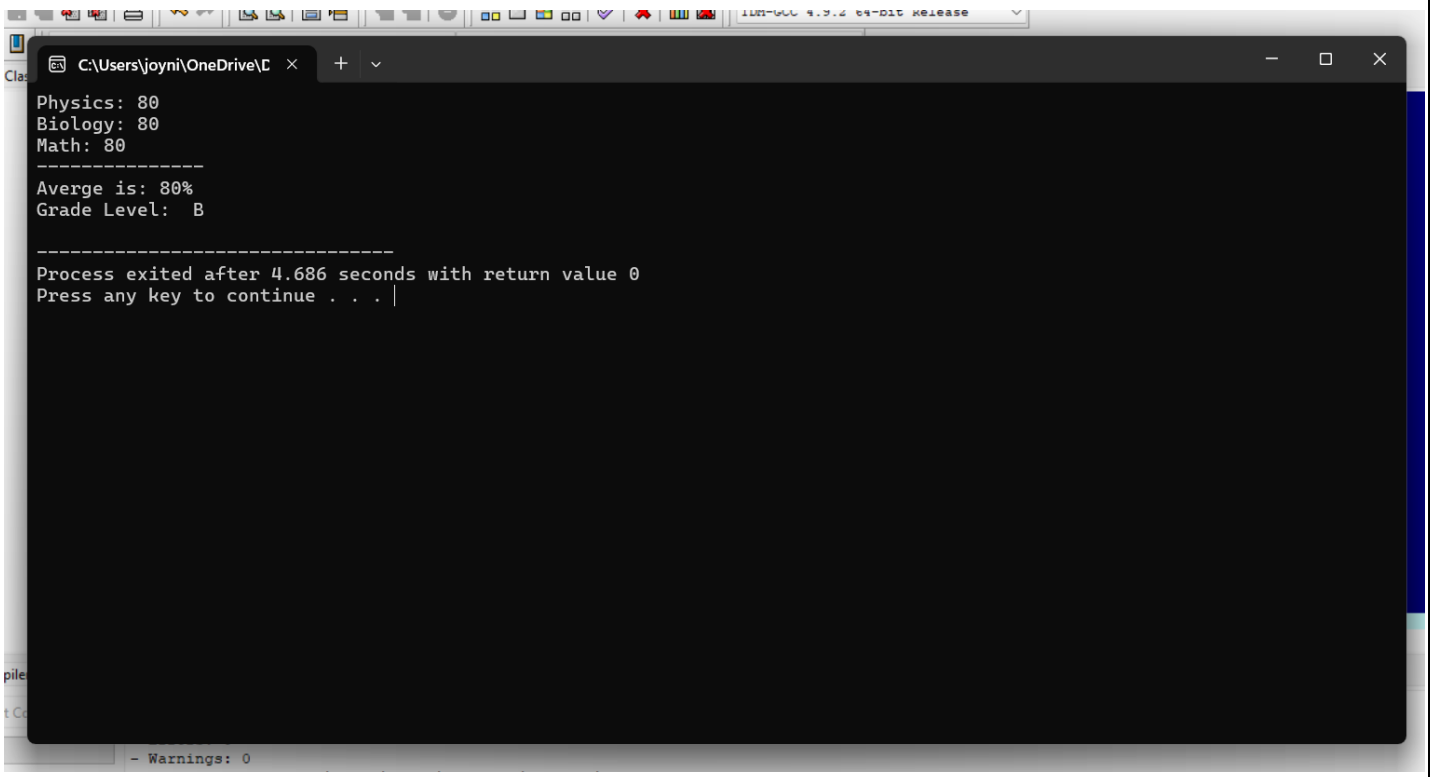
Activity No. <n>	
<Replace with Title>	
Course Code: CPE008	**Program:** Computer Engineering
Course Title: PROGRAMMING LOGIC AND DESIGN	**Date Performed:09/09/25**
Section: CPE11S1	**Date Submitted:09/11/25**
Name(s): Cenndy M. Nieles	**Instructor: Engr. Jimlord Quejado**

6. Output:

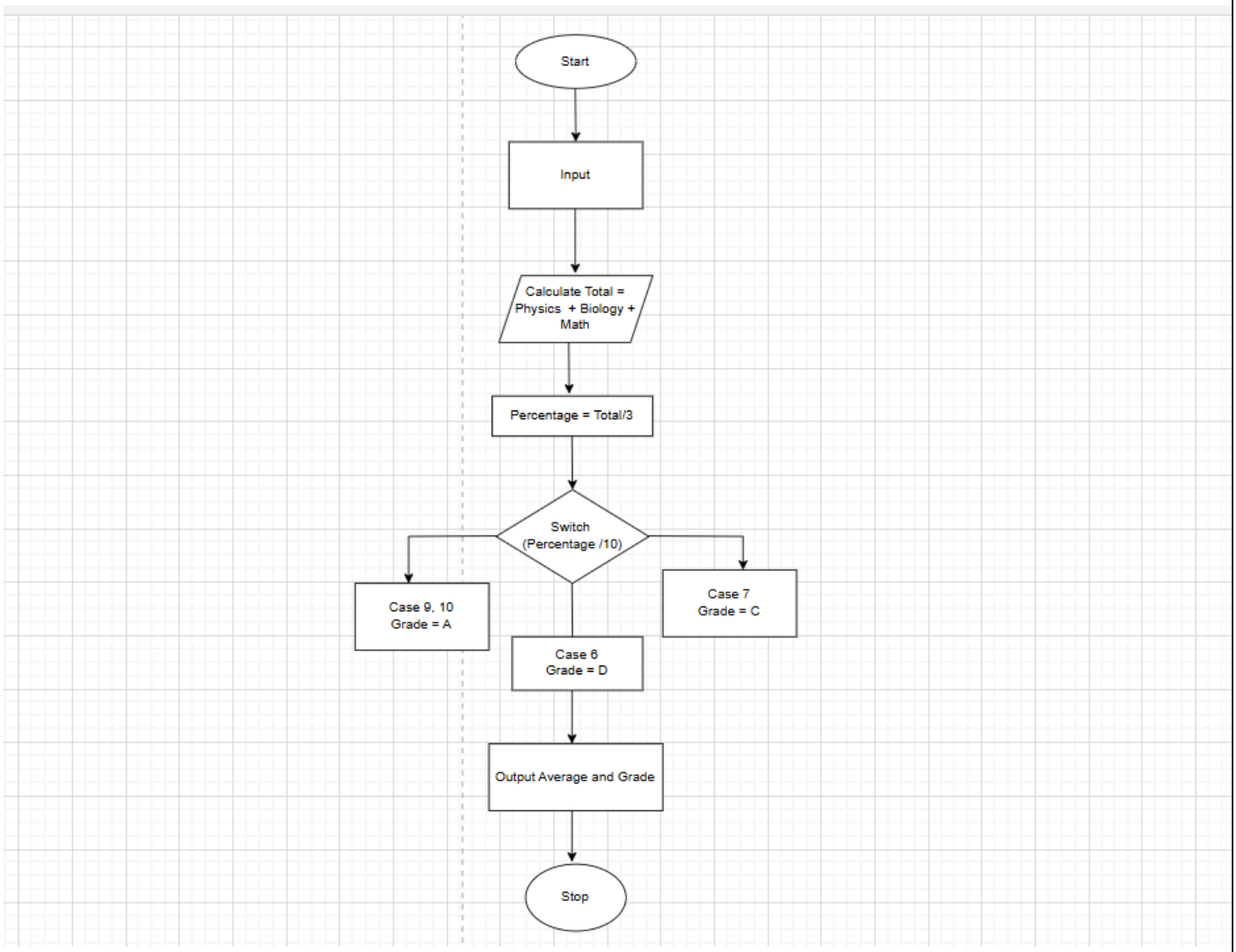
INPUT:



OUTPUT:



FLOWCHART:



PSEUDOCODE:

START

INPUT physics, biology, math

Float total, percentage;
Char grade;

cout << "Physics: "
cin >> physics
cout << "Biology: "
cin >> biology
cin << "Math"
cout>> math

SWITCH (Percentage / 10)

case 10:
case 9: grade = 'A' ;break
case 8: grade = 'B' :break
case 7: grade = 'C' : break
case 6 grade = 'D' : break
case 5 grade =
case 4 grade = 'E' :break
default: grade ='F' : break

END SWITCH

PRINT "Average Percentage =", Percentage
PRINT "Grade =", Grade

END

7. Supplementary Activity

8. Conclusion

I have learned a lot of this topic Array is a collection of the same data type, and accessed a using single name with index we discuss the parts of array and the elements and switch case then how it going to swap. Arrays are fixed in size and written loops check the element one by one to print a value or perform a calculation and you can also find the minimum and maximum value or calculating a sum or average and the bubble Sort have an ability to swap .Learning a Arrays can help you to understanding and used a data structure in programming We have a activity which is we input a bubble sort it's challenge and confusing to understand the bubble sort. You need to focused and to learn about Arrays but not only in arrays you need to learn and know the programming and you can explore the other access about programing so you have an idea.

9. Assessment Rubric