



Lab. (5) ***Conditions***

Answer the following questions

Question One:

Write a program in C++ to swap two numbers

Question Two:

Write a program that inputs a four-digit integer at maximum, separates the integer into its digits and prints them separated by three spaces each. For example, if the user types in 5386, the program should print: 5 3 8 6.

Question Three:

Write a program that prompts the user to input three numbers. The program should then output the numbers in descending order then find largest number.

Question Four:

Write a program that prompts the user to input a number. The program should then output the number and a message saying whether the number is positive, negative, or zero.

Question Five:

Write a C++ program that reads a set of integers and then prints the sum of the even numbers.

Question six:

Write the following program: The user is asked to enter 2 floating point numbers (use doubles). The user is then asked to enter one of the following mathematical symbols , - , + , * or /. The program computes the answer on the two numbers the user entered and prints the results. If the user enters an invalid symbol, the program should print nothing.

Question seven:

Write a C++ program that calculate the average of numbers entered by user (three numbers at least). If user enters negative number, it ignores the number and calculates the average of number entered before it.

Question eight:

Write a C++ program to accept marks in two objects (physics and chemistry) find the eligibility of admission for a professional course based on the following criteria: Total in all two subjects ≥ 110

Question nine:

Write a C++ program to read temperature in centigrade and display a suitable message according to temperature state below : Temp < 0 then Freezing weather, Temp 0-10 then Very Cold weather, Temp 10-20 then Cold weather, Temp 20-30 then Normal in Temp, Temp 30-40 then It's Hot, Temp ≥ 40 then It's Very Hot