

Lecture 1.2

Review of CS111

Objective

- Review CS111 course contents
- Write programs for the given review questions
- Get prepared to learn advance level of C++ programming.

Preliminary work

- CS112 is an extension of CS111. So it is extremely important for you to understand and apply the C++ programming concepts and techniques you learned in CS111.
- You should know how to use C++ language syntaxes correctly.

Question 1.1

Write a program to get 2 numbers from user and sum up the numbers and print the sum on screen.

NOTE: Each question after this is built on its previous one so you need to answer the questions in the given order.

Question 1.2

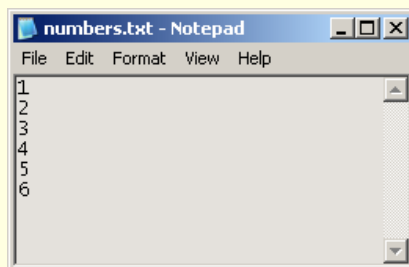
If $\text{sum} > 0$ then print "sum is positive" if $\text{sum} < 0$ then print "sum is negative" or else print "sum is zero".

Question 1.3

- Modify the previous program so that user can enter any number of inputs.
- Program should ask the user for continuation. if the user responds by entering 'y' or 'Y' then continue the program or else exit the program.
- Print the sum of all the numbers entered at the end of the program.

Question 1.4

- Now change your program to read any number of inputs from the file "numbers.txt".
- Sample data for numbers.txt is given below:



Solutions

- Once you have answered all the questions yourself you can check your solutions with standard solutions and correct all the mistakes you made.