



C++

Programming Step-by-Step

Asadullah Shah



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C++ PROGRAMMING: STEP BY STEP

Editors

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2. ARITHMETIC EXPRESSIONS AND DATA TYPES IN C++

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Abstract

Data type is known in C++ are char (character or small integer), short int (Short integer), int (Integer), long int (Long integer), bool (Boolean value, it can take one of two value; true or false), float (Floating point number), double (Double precision floating point number), long double (Long double precision floating point number).

2.1 Arithmetic Calculations

When you a program in C++ to do calculations, it is important to remember that results of integer and integer computations may be different than real and real computations. You also need to know how mixed number calculations will be carried out. C++ will allow you to assign a number with decimal to an integer; however, the fractional part will be discarded. Program in figure 2.1 explores various arithmetic computations.