



C++

Programming Step-by-Step

Asadullah Shah



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C++ PROGRAMMING: STEP BY STEP

Editors

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21. SELECTION SORTING

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Abstract

The most important features of an array is that its contents can be sorted in numerical or alphabetical order. Sorting is a process of placing values in an array in ascending or descending order. Human beings can look through the values and find the smallest, pick it out and place it in a new array or table and mark it off the old list. By repeating this process till last value, which will be the largest one to be placed in the new list. For large array sizes having two lists will be too costly in terms of memory consumption and efficient utilization.

21.1 Selection Sort

Using computers programs sorting can be done by many ways. In this only two examples are provided selection sort and bubble sort. These are provided in a program of Figure 21.1, pay close attention to the sort routine and it is implemented with a nested loop.