



C++

Programming Step-by-Step

Asadullah Shah



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C++ PROGRAMMING: STEP BY STEP

Editors

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19. READ DATA FROM A FILE

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Abstract

The data in computers is either displayed on monitors or may be stored in files created for storage devices. The files can be input or output files to keep data saved for future references and usage. The files can be created or deleted anytime once not required by the users. The files can be of various types, read files allow users to read data as many times as needed but cannot be written upon. Files can be read-write status this is where files can be modified and new data can be saved on top of the previous data and so on. This chapter is dedicated for creating a files with read status and to write a program for the same.

19.1 Read Scores from a File

A file must be created and placed in the same directory or subdirectory where the source code is saved. The program given in Figure 19.1 is written for the purpose to create a file and save the same for latter references. This program uses the same statistical data of chapter 18 for calculating scores of and calculating variances of the same.