C++ Programming
Step-by-Step

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C++ PROGRAMMING: STEP BY STEP

Editors

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CONTENTS

DEDICATION ................................................................. iii
PREFACE ................................................................. viii
ACKNOWLEDGEMENT .................................................... ix

1. INTRODUCTION
Asadullah Shah and Assadullah Shaikh ............................... 1

2. ARITHMETIC EXPRESSIONS AND DATA TYPES IN C++
Asadullah Shah and Assadullah Shaikh ............................... 5

3. SENDING THE OUTPUT TO A PRINT FILE
Asadullah Shah and Assadullah Shaikh ............................... 11

4. DECISION MAKING: IF-ELSE STATEMENTS AND
   RELATIONAL OPERATORS
Asadullah Shah and Assadullah Shaikh ............................... 17

5. LOGICAL OPERATORS AND SWITCH STATEMENTS
Asadullah Shah and Assadullah Shaikh ............................... 25

6. REVIEW, SUMMARY & BUILDING SKILL
Asadullah Shah and Khamran Khowaza ................................ 33

7. ITERATIVE STRUCTURES
Asadullah Shah and Khamran Khowaza ................................ 39
8. THE FOR LOOP
Asadullah Shah and Khamran Khowaza .................................................. 49

9. THE DO-WHILE LOOP
Asadullah Shah and Khamran Khowaza .................................................. 55

10. REVIEW OF VARIABLES, FORMATTING
Asadullah Shah and Khamran Khowaza .................................................. 59

11. REVIEW OF ITERATIVE STRUCTURES
Asadullah Shah and Sumbul Khowaza .................................................... 63

12. POST-TEST AND NESTED LOOPS
Asadullah Shah and Sumbul Khowaza .................................................... 73

13. FUNCTIONS
Asadullah Shah and Sumbul Khowaza .................................................... 83

14. CALL-BY-VALUE AND REFERENCE
Asadullah Shah and Sumbul Khowaza .................................................... 91

15. MORE ON FUNCTIONS
Asadullah Shah and Sumbul Khowaza .................................................... 99

16. STRUCTURES (STRUCT) AND FILES
Asadullah Shah and Muniba Shaikh ....................................................... 111

17. ARRAYS
Asadullah Shah and Muniba Shaikh ....................................................... 119

18. EXERCISE OF ARRAY
Asadullah Shah and Muniba Shaikh ....................................................... 127
19. READ DATA FROM A FILE
Asadullah Shah and Muniba Shaikh .................................................. 137

20. OBJECT ORIENTED PROGRAMMING
Asadullah Shah and Muniba Shaikh .................................................. 143

21. SELECTION SORTING
Asadullah Shah and Syed Ifihar Ali .................................................. 153

22. BUBBLE SORT ALGORITHM
Asadullah Shah and Syed Ifihar Ali .................................................. 161

23. REVIEW OF ARRAYS
Asadullah Shah and Syed Ifihar Ali .................................................. 167

24. LINEAR SEARCHING
Asadullah Shah and Syed Ifihar Ali .................................................. 179

25. BINARY SEARCH
Asadullah Shah and Syed Ifihar Ali .................................................. 189

26. VECTOR CLASS
Asadullah Shah and Ejaz Ahmed ...................................................... 199

27. POINTERS
Asadullah Shah and Ejaz Ahmed ...................................................... 203

28. FUNCTION POINTERS
Asadullah Shah and Ejaz Ahmed ...................................................... 213

29. POLYMORPHISM AND VIRTUAL FUNCTIONS
Asadullah Shah and Ejaz Ahmed ...................................................... 219
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.