

# C++ PROGRAMMING

*for Beginners*

*FOUNDATIONS, ANALYSIS AND EXAMPLES*



DR. B. MANJULA  
P. VENKATESHWARLU



# Getting Started with PYTHON

For Data Scientists



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**R. Lakshman Naik**

**Dr. B. Manjula, completed Ph.D in Computer Science from Kakatiya University, Warangal, TS, India. Currently working as Assistant Professor at Department of Computer Science, University College, Kakatiya University. She published two books, the first one is "Data Mining Techniques in Tracing the Trends of Business" and second one is "C++ Programming for Beginners–Foundations, Analysis and Examples". She also published 4 chapters on various significant and apt research areas. She has published more than 22 research papers in the areas of Computing, Data Mining and Security.**

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**This book is inspired by the Data Science course for undergraduate students. As a part of teaching the course, I have prepared some stuff for students. And eventually that stuff evolved into this book. Hopefully, having it with you will make you think more, while coding and implementing the concepts. Even though many online resources are available for python courses, many of us are spending more time using help function. I think, after working with this book, one can easily move in their python coding journey.**



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*for Beginners*

The primary goal of this book is to introduce basic concepts of C++ programming and motivate the students towards programming. This book will facilitate undergraduate Computer Science students in assessing their potential and give them the edge to score high marks in the academic exams.

## Features:

- \* Excellent coverage of all topics of undergraduate courses
- \* Includes programs with output and Explanation. Programs are tested with Turbo C++ on Ms-DOS
- \* Templates and Exception Handling programs are tested on Online GDB C++ compiler.
- \* Multiple choice questions and other objective type questions are presented to understand the concepts and master features of the language.

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