

FOREWORD

C is a general-purpose, portable, structured programming language developed in 1972 by Dennis Ritchie at the Bell Telephone Laboratories. It is mainly used for developing system software as well as application software. Even operating systems like Unix, Windows etc. are developed in C. Many programming languages like C++, Java, C# etc are influenced by C and have similar syntax like C. Fundamental knowledge of C builds strong foundation in developing programs in any language. C has become most popular language because of its portability, pointers, structured features etc.

It is one of the most widely used programming language in the world.

This book by Madhusudan Mothe makes journey of a beginner to programming world systematic and smooth. All the topics have been covered in a systematic manner and illustrations relate to the way we think and compute. The step by step approach with FAQs and questions at the end can help the reader thorough and comfortable in each topic. All the major topics in C like loops, conditional statements, arrays, functions, pointers, preprocessor; structures etc. are emphasized very effectively. Madhusudan has also provided many valuable tips which will help the developers. In each chapter, interaction with the reader is maintained very effectively with the help of various sections like guess the output, general and program related questions etc. Large number of illustrations/ logical explanations/ examples/ charts/tables/ figures in this book will definitely help the reader to understand and practice C language easily.

This book, in addition to building a strong foundation on C programming, can develop/improve logical thinking of the learner. It can greatly enhance readers self confidence and stimulates interest in programming.

I wish many people read this book and benefit from it.

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