1. Record Nr. UNINA9910736026403321 Autore Asadi Farzin Titolo Essentials of C Programming with Microsoft® Visual Studio® / / by Farzin Asadi Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2023 Pubbl/distr/stampa **ISBN** 3-031-35711-6 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (338 pages) Disciplina 621.3815 005.133 Soggetti Electronic circuits C++ (Computer program language) **Electronics Electronic Circuits and Systems** C++ Electronics and Microelectronics, Instrumentation Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Chapter 1 Installation of Microsoft® Visual Studio® -- Chapter 2 Basics Nota di contenuto of C Programming -- Chapter 3 Conditional Statements -- Chapter 4 Loops -- Chapter 5 Arrays -- Chapter 6 Functions -- Chapter 7 Some Useful Functions -- Chapter 8 Pointers -- Chapter 9 Structures and Unions -- Chapter 10 Mathematical Functions -- Chapter 11 String Processing -- Chapter 12 Character Processing -- Chapter 13 Time and Date -- Chapter 14 Sorting and Searching -- Chapter 15 File --Chapter 16 Useful Functions to work with Files and Directories --Chapter 17 Serial Communication -- Chapter 18 Graphical User Interface. Sommario/riassunto This book provides a compact but comprehensive treatment that guides readers through the C programming language with Microsoft® Visual Studio®. The author uses his extensive classroom experience to guide readers toward deeper understanding of key concepts of the C language. Each concept and feature of the language is presented as a short lesson, illustrated by practical worked examples to aid student

self study. The book will appeal to a broad range of students who are

required to study the C programming language. Provides complete coverage of the standard C language and its standard libraries; Filled with sample code, selected with care to show the C language concepts clearly; Code is written in freeware Community version of Microsoft Visual Studio. .