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Autore	Gonzalez-Morris German
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Edizione	[7th ed. 2024.]
Descrizione fisica	1 online resource (710 pages)
Altri autori (Persone)	HortonIvor
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Soggetti	Compilers (Computer programs) Programming languages (Electronic computers) Compilers and Interpreters Programming Language
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1. Programming in C -- 2. First Steps in Programming -- 3. Making Decisions -- 4. Loops -- 5. Arrays -- 6. Applications with Strings and Text -- 7. Pointers -- 8. Structuring Your Programs -- 9. More on Functions -- 10. Essential Input and Output Operations -- 11. Structuring Data -- 12. Working with Files -- 13. Supporting Facilities -- 14. Advanced and Specialized Topics -- A. Computer Arithmetic -- B. ASCII Character Code Definitions -- C. Reserved Words in C -- D. Input and Output Format Specifications -- E. Standard Library Headers.
Sommario/riassunto	Learn how to program using C, beginning from first principles and progressing through step-by-step examples. This seventh edition is fully updated to reflect new features of C23, and addresses deprecated functions and features that are no longer supported. You'll discover that C is a foundation language that every programmer ought to know. Beginning C is written by renowned author Ivor Horton and expert programmer German Gonzalez-Morris. This book increases your programming expertise by guiding you through the development of fully working C applications that use what you've learned in a practical context. Examples of how to use deprecated functions are also provided, along with new examples for replacing them when a simple solution is possible. By the end of the book you'll be confident in your

skills with all facets of the widely-used and powerful C language and be able to strike out on your own by trying the exercises included at the end of each chapter. All you need are this book and any of the widely available C compilers, and you'll soon be writing real C programs. You will: Discover the C programming language Program using C starting with first steps, then making decisions Use loops, arrays, strings, text, pointers, functions, I/O, and more Code applications with strings and text Structure your programs efficiently Work with data, files, facilities, and more.
