1. Record Nr. UNINA9910437973403321

Autore	Olsson Mikael
Titolo	C++ quick syntax reference / / Mikael Olsson
Pubbl/distr/stampa	New York : , : Apress, , 2013
ISBN	1-4302-6278-8
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (xvii, 105 pages)
Collana	Gale eBooks
Disciplina	004 005.133
Soggetti	C++ (Computer program language)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	""Contents at a Glance""; ""Contents""; ""About the Author""; ""About the Technical Reviewer""; ""Introduction""; ""Chapter 1: Hello World""; ""Choosing an IDE""; ""Creating a project""; ""Adding a source file""; ""Hello world""; ""Using namespace""; ""Chapter 2: Compile and Run""; ""Visual Studio compilation""; ""Console compilation""; ""Comments""; ""Chapter 3: Variables""; ""Data types""; ""Declaring variables""; ""Assigning variables""; ""Octal and hexadecimal assignment""; ""Using variables""; ""Variable scope""; ""Default values""; ""Integer types""; ""Signed and unsigned integers"" ""Floating-point types""""Char type""; ""Bool type""; ""Chapter 4: Operators""; ""Arithmetic operators""; ""Assignment operators""; ""Combined assignment operators""; ""Increment and decrement operators""; ""Comparison operators""; ""Logical operators""; ""Bitwise operators""; ""Operator precedence""; ""Chapter 5: Pointers""; ""Creating pointers""; ""Dereferencing pointers""; ""Pointing to a pointer""; ""Dynamic allocation""; ""Null pointer""; ""Chapter 6: References""; ""Creating references""; ""References and pointers""; ""Reference and pointer guideline""; ""Chapter 7: Arrays"" ""Array declaration and allocation""""Array assignment""; ""Multi-dimensional arrays""; ""Dynamic arrays""; ""Determining array size""; ""Chapter 8: String""; ""String combining""; ""Escape characters""; ""String compare""; ""String functions""; ""Chapter 9: Conditionals""; ""If statement""; ""Switch statement""; ""Ternary operator""; ""Chapter 10: Loops""; ""While loop""; ""Do-while loop""; ""For loop""; ""Break and

Sommario/riassunto

The C++ Quick Syntax Reference is a condensed code and syntax reference to the C++ programming language. It presents the essential C++ syntax in a well-organized format that can be used as a handy reference. You won’t find any technical jargon, bloated samples, drawn out history lessons, or witty stories in this book. What you will find is a language reference that is concise, to the point and highly accessible. The book is packed with useful information and is a must-have for any C++ programmer. In the C++ Quick Syntax Reference, you will find: A concise reference to the C++ language syntax. Short, simple, and focused code examples. A well laid out table of contents and a comprehensive index allowing easy review.

2. Record Nr. UNINA9910557285703321

Autore	Ferro Paolo
Titolo	Cast Irons : Properties and Applications
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
Descrizione fisica	1 online resource (150 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The demand for cast iron components, with weights ranging from a few kilograms to several tons, has increased significantly in recent years, both for technical and economic reasons. In fact, the lower cost compared to other alloys, and the good castability, which allow one to obtain near-net shape components in as-cast conditions, and the mechanical properties that can be obtained, are just some of the motivations that attract mechanical designers. However, correct design requires a good knowledge of the intrinsic correlation among alloy chemical composition, process parameters, microstructure (with casting defects) and mechanical properties. This book is aimed at collecting excellent and recent research experimental and theoretical works in this filed. Technological (say, wear resistance and weldability) and mechanical properties (say, Young modulus, static and fatigue strength) of different grades of cast irons, ranging from solution strengthened ferritic ductile iron to compacted graphite iron as well as white and nodular cast irons, are correlated with the alloy chemical composition, process parameters and casting dimension.