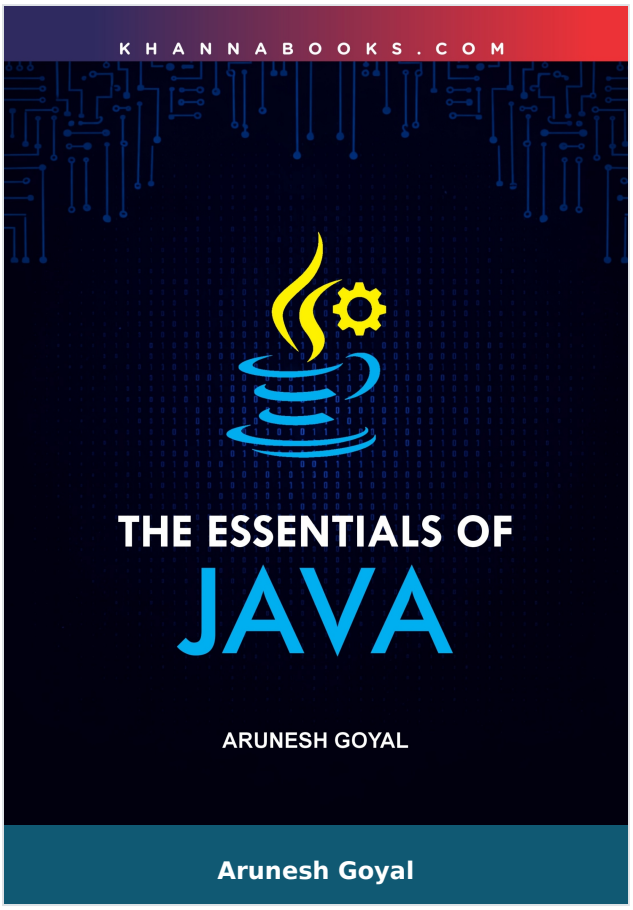

The Essentials of Java

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Product Description

THE ESSESTIALS OF JAVA

Written in a crisp no holds style, the book intends to make you learn practically the essentials of the java programming language. It includes all that you need to get started with java. It introduces the objects-oriented parading consisting of encapsulation inheritance, and polymorphism. It outlines the concepts of constructors, the finalized () method, garbage collection, “this”, access control, call by value references, varargs, recursion, and static. Also, discussed are abstract methods/classes, method overriding, dynamic method dispatch, the super and final keywords, and the Object class. The concepts of standard packages, creating and importing packages, interfaces, their implementation, and the nesting and inheritance as related to interfaces have been brought out succinctly. Exception handling has become, of late, one of the most important aspects of modern object-oriented languages. The book teaches the art of handling run-time errors gracefully as well as creating you own customized exception subclasses. I/O (without which no language can survive in the world of computers). NIO, the formatter class, string handling including the stringbuffer and stringbuilder classes, type wrappers, auto-boxing/unboxing, enumerations, and annotations have been taught in an innovative way.

- There are eight case studies in all pertaining to wide ranging topics. There will help you to see the practical side of applying Java in the real world and understand the theoretical subject matter of the text much better.
- Besides, there are one hundred eleven odd solved examples to help you out.
- There is a specially designed set of one hundred solved Java Interview questions with augurs well for you in your interview preparations.
- Besides, there is " A full practical session" towards the end. Which you will do well to try your hand at in your own interest besides taking up the practical sessions affixed

at the end of each chapter. In all, these amount to one hundred thirty odd practical problems and exercises.

- The appendix contained the essence of the JAVA API package which includes fifty-nine libraries in all. The acronyms, the glossary and the index section are for your ready reference.
- The acronyms and the glossary, in particular, have been designed so that you are able to understand much of the computer jargon associated with Java in a big way.
- The " Winding It Up" session at the end of each chapter is a novel way not only to elucidate a potential problem area but also throw open a wide quizzical region which arouse the readers' interest in the subject matter to a large extent. These will approve to be of vital help to each one of you in your own way.

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Table Of Contents

- Getting Started with Java
- Classes, Objects and Methods
- Inheritance
- Packages and Interfaces
- Exception Handling
- Input / Output
- String Handling
- Type Wrappers Auto boxing, Enumerations and Annotations : Java Interview Questions (solved)
- A Full Practical Session
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- ACRONYMS
- GLOSSARY
- INDEX

Author

Arunesh Goyal

Arunesh Goyal is a topper from University of Delhi {B.Sc. (H) Mathematics: Kirorimal College. North Campus}. He has been personally awarded by Mr. Amitabh Bachchan. He is also a First Division MCA degree holder from the same university. Besides, he has worked as Computer Analyst/Consultant at St. Stephen's Hospital, Delhi for more than 10 years. This underlines his extensive programming and systems development experience. Besides, he has worked on two projects related to intelligent databases with Comtech International Ltd., Noida. and the Times of India, New Delhi, respectively.

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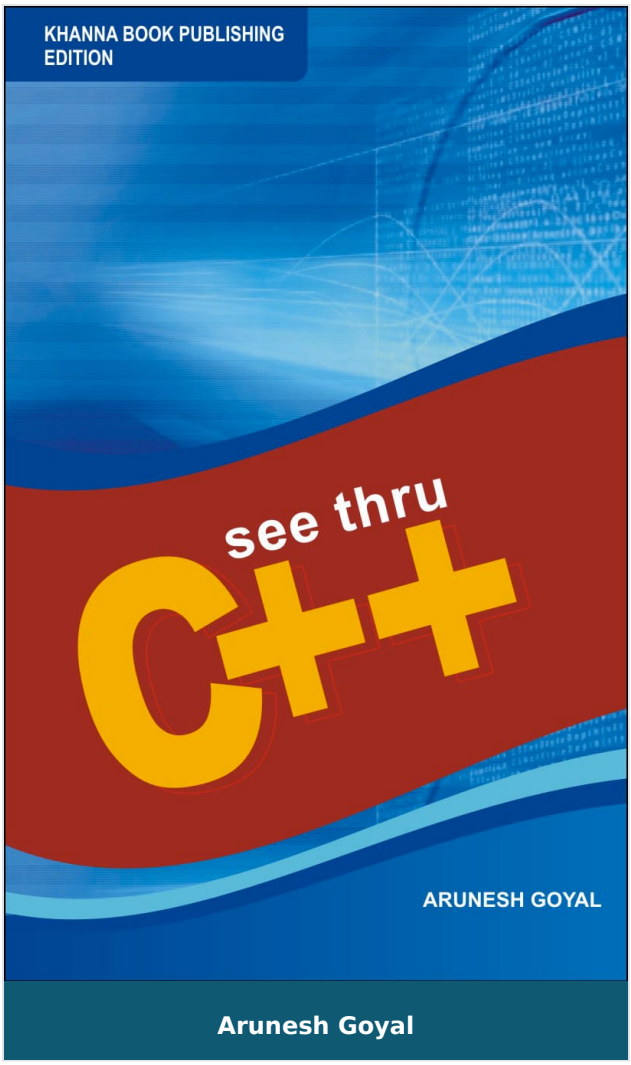

See Thru C++

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Product Description

One of the major features is that the book teaches C++ without any repetition of topics already learned in C. An all out effort has made to keep it, simple, short & interesting; The sample examples and practical sessions have been suitably designed to corroborate the corresponding theory. Both the theoretical and practical aspects of programming have been kept in mind. Wherever required, the book explains with the help of diagrams, flowcharts, tables etc. the relevant topics. concepts of classes, objects, exception handling, templates, and virtual functions are discussed in a manner that students of all streams can easily understand such complex topics. C++ streams and class libraries are introduced in an easy-to understand language. Implementation of inheritance, encapsulation, operator overloading and dynamic or run-time binding is explained using simple examples. A large number of explanatory diagrams are also a salient feature of the book. Several interesting appendices including "ANSI C++: New feature", "event driven processing", "Typical problems" and "case students" have been included. The also carries a Bibliography (both C & C++) for interested readers. A stand out and a novel feature of the book is its, winding it Up! section at the end of every chapter that not only sums it up but also arouses the readers' interest in the subject matter introduced therein. The book contains a rich repertoire of the object-oriented computer jargon in its glossary section.

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- Inheritance: The Concept of Classes Extension
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- Operator Overloading
- Virtual Functions and Polymorphism
- Templates
- Console I/O Operations
- Dealing with Files
- Exception Handling
- The Standard Template Library
- Working with the String Class

Author

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Arunesh Goyal is a topper from University of Delhi {B.Sc. (H) Mathematics: Kirorimal College. North Campus}. He has been personally awarded by Mr. Amitabh Bachchan. He is also a First Division MCA degree holder from the same university. Besides, he has worked as Computer Analyst/Consultant at St. Stephen's Hospital, Delhi for more than 10

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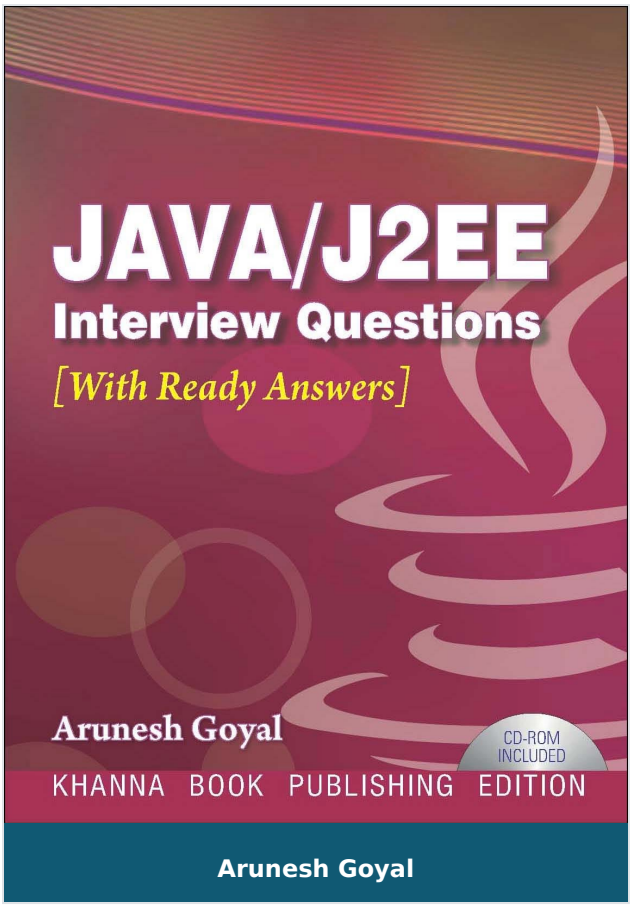

Interview Questions With JAVA/J2EE

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A total of six hundred relevant Interview Question have been included which augurs well for you in your pre-interview preparation. The "Project Management" Chapter discusses organizational behavior in its various facets such as motivation, leadership, ego less programming and stress. The " The software Development process" chapter makes you enact the roles of the various people involved in the SDLC such as the system analyst, the system designer.. Besides, it has many a multiple choice problems which you would very well enjoy trying your hand at. One hundred "Bonus Interview Question on C# ,Net" have been included and the various similarities and difference between C# and Java have been taken into account. The appendix contains the essence of the JAVA API package which includes fifty-nine libraries in all. The acronyms and the glossary sections are for your ready reference. They have been so designed as to enable you to understand much of the computer jargon associated not only with the Java environment, but in general also, in a big way. The accompanying CD-ROM includes some nerve raking software, sample code and other interview preparatory material.

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- Architecture (Including Design Patterns)
- UML
- Project Management
- The Software Development Process
- Bonus Interview Questions On C#, .Net
- Appendix : The Java API Package
- Acronyms
- Glossary
- About the CD-Rom

Author

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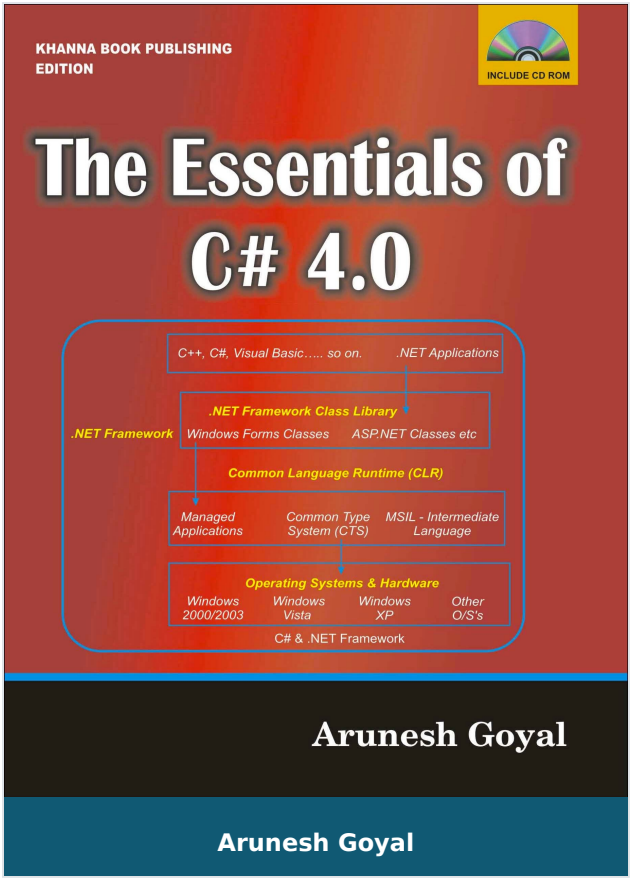

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Product Description

There are 10 case students in all pertaining to wide ranging topics. These will help you to see the practical side of applying C# in the real world and understand the theoretical subject matter of the text much better. Besides, there are more than 100 solved examples to help you out. The appendix carries a set of 35 typical problems which you will do will to your hand at in your one interest besides taking up the practical sessions affixed at the end of each chapter, In all these amount to 150 practical problems and exercises. we are confident that if you can solve all these problems on your one, you will be on your way to mastering C#. The glossary and the index section are for your ready reference. The glossary, in particular, has been designed so that you are able to understand much of the computer jargon associated with C# and the .NET environment in a big way.

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