

Object Oriented Programming With Java 4th Edition

Object-oriented Programming with Prototypes Programming with Class Understanding
Object-oriented Programming with Java Programming in an Object-Oriented Environment
Object-Oriented Programming Languages: Interpretation Concurrent Object Oriented Programming with Process Types Introduction To Object Oriented Programming And C++ Object Oriented Programming With C++ Object Oriented Programming with C++ Object-Oriented Programming with ANSI and Turbo C++ Object-oriented Programming in Java Object-oriented programming with C++ Beginning Object-Oriented Programming with VB 2005 An Introduction to Object-oriented Programming with Java The Interpretation of Object-Oriented Programming Languages Object-Oriented Programming Mastering Object-Oriented Programming Object Oriented Programming OBJECT-ORIENTED PROGRAMMING WITH C++ AND JAVA Data Structures and Object Oriented Programming with C++ (For Anna University) Günther Blaschek Neil A. B. Gray Timothy Budd Raimund K. Ege Iain D. Craig Franz Puntigam Yashavant P. Kanetkar Anirban Das Saifee Vohra Ashok Kamthane Kathryn E. Sanders M. P. Bhave Dan Clark C. Thomas Wu Iain Craig Hanspeter Mössenböck Virversity Online Courses Anuradha A. Puntambekar DEBASIS SAMANTA Khurana Rohit Object-oriented Programming with Prototypes Programming with Class Understanding Object-oriented Programming with Java Programming in an Object-Oriented Environment Object-Oriented Programming Languages: Interpretation Concurrent Object Oriented Programming with Process Types Introduction To Object Oriented Programming And C++ Object Oriented Programming With C++ Object Oriented Programming with C++ Object-Oriented Programming with ANSI and Turbo C++ Object-oriented Programming in Java Object-oriented programming with C++ Beginning Object-Oriented Programming with VB 2005 An Introduction to Object-oriented Programming with Java The Interpretation of Object-Oriented Programming Languages Object-Oriented Programming Mastering Object-Oriented Programming Object Oriented Programming OBJECT-ORIENTED PROGRAMMING WITH C++ AND JAVA Data Structures and Object Oriented Programming with C++ (For Anna University) Günther Blaschek Neil A. B. Gray Timothy Budd Raimund K. Ege Iain D. Craig Franz Puntigam Yashavant P. Kanetkar Anirban Das Saifee Vohra Ashok Kamthane Kathryn E. Sanders M. P. Bhave Dan Clark C. Thomas Wu Iain Craig Hanspeter Mössenböck Virversity Online Courses Anuradha A. Puntambekar DEBASIS SAMANTA Khurana Rohit

intended for the novice as well as for the experienced programmer who wants to learn more about object oriented programming author is developer of the omega programming environment dlc object oriented programming computer science

programming in an object oriented environment provides an in depth look at the concepts behind the technology of object oriented programming this book explains why object oriented programming has the potential to vastly improve the productivity of programmers and how to apply this technology in a practical environment many programming examples are included focusing on how different programming languages support the core of object oriented concepts c is used as the main sample language throughout this text this monograph consists of two major parts part i provides an introduction to object oriented concepts their rationale and their implementation in programming languages the object oriented approach to programming in an object oriented environment is discussed in part ii this publication is intended for software professionals who are interested in learning the fundamental concepts of object oriented programming and how to apply these concepts in a practical computer environment

this comprehensive examination of the main approaches to object oriented language explains key features of the languages in use today class based prototypes and actor languages are all examined and compared in terms of their semantic concepts this book

provides a unique overview of the main approaches to object oriented languages exercises of varying length some of which can be extended into mini projects are included at the end of each chapter this book can be used as part of courses on comparative programming languages or programming language semantics at second or third year undergraduate level some understanding of programming language concepts is required

in older times classic procedure oriented programming was used to solve real world problems by fitting them in a few predetermined data types however with the advent of object oriented programming models could be created for real life systems with the concept gaining popularity its field of research and application has also grown to become one of the major disciplines of software development with object oriented programming with c the authors offer an in depth view of this concept with the help of c right from its origin to real programming level with a major thrust on control statements structures and functions pointers polymorphism inheritance and reusability file and exception handling and templates this book is a resourceful cache of programs bridging the gap between theory and application to make the book student friendly the authors have supplemented difficult topics with illustrations and programs put forth in a lucid language and simple style to benefit all types of learner object oriented programming with c is packaged with review questions for self learning

short and simple description and deeply explained the fundamental concepts

a student friendly practical and example driven book object oriented programming with ansi and turbo c gives you a solid background in the fundamentals of c which has emerged as a standard object oriented programming language this comprehensive book enriched with illustrations and a number of solved programs will help you unleash the full potential of c prof kamthane explains each concept in an easy to understand manner and takes you straight to applications he believes that practice makes a man perfect and this book aims at making you one

this principle driven introduction to programming with java and its standard swing graphics library by world renowned computer science professor andy van dam and professor kate sanders emphasizes object oriented design and programming it covers all important object oriented programming mechanisms at the beginning of the book from encapsulation through inheritance interfaces and polymorphism it uses numerous executable examples to teach modularization and other good programming habits that will stay with students for a lifetime most of the programming examples and exercises take advantage of the visual appeal of interactive graphics to provide essential motivation for first time programmers with object oriented programming in java a graphical approach students will use an approach to learning object oriented design and programming that has been tested for a decade and used successfully at multiple universities experience reading and writing non trivial interactive programs that are systems of cooperating objects capitalize on the powerful features of java 5 0 including swing class generics and static imports get a good introduction to fundamental data structures stacks queues linked lists and trees and a complete chapter on design patterns strong object oriented design skills in combination with experience working on non trivial projects are a requirement for succeeding in today s software industry students who follow the approach of this book are bound to be successful later in their software careers you need only see the number of former andy van dam students at current industry powerhouses to believe it matt chotin sr software engineer macromedia and former student of andy van dam graphics are a useful motivator because students enjoy graphics far more than text or arithmetic examples and graphics are inherently object oriented karl r wurst worcester state college andy van dam and kate sanders do a great job of hitting objects first teaching oo early and letting the procedural stuff come along naturally i have seen a number of texts that claim they do this but i haven t seen anyone who does it like these authors do ben shaffer university of northern iowa

beginning object oriented programming with vb 2005 is a comprehensive resource of correct coding procedures author daniel clark takes you through all the stages of a programming project including analysis modeling and development all using object oriented programming techniques and visual basic net clark explores the structure of classes and their hierarchies as well as inheritance and interfaces he also introduces the

net framework and the visual studio integrated development environment or ide a real world case study walks you through the design of a solution you can then transform the design into a functional vb net application the application includes a graphical user interface gui a business logic class library and integration with a back end database throughout the book you ll explore the fundamentals of software design object oriented programming visual basic net 2 0 and the unified modeling language uml

wu s book provides a gentle introduction to programming using java as the implementation language with many jobs available in computer programming people are eager to learn and this book gives them the handles they will need wu s use of what he calls object diagrams to explain the basics of programming make his visual approach far superior to that of the competition

while there are many books on particular languages there are very few that deal with all aspects of object oriented programming languages the interpretation of object oriented programming languages provides a comprehensive treatment of the main approaches to object oriented languages including class based prototype and actor languages this revised and extended edition includes a completely new chapter on microsoft s new c language a language specifically designed for modern component oriented networked applications the chapter covers all aspects of c that relate to object oriented programming it now also includes a new appendix on beccil a kernel language that can implement object oriented constructs within a single framework

without a doubt the idea of object oriented programming has brought some motion into the field of programming methodology and enlarged the set of programming languages object oriented programming is nothing new it first arose in the sixties the motivation came from the simulation of discrete event systems the concept first manifested itself in the language simula 67 it took nearly two decades for the method to gain impetus and today object oriented programming is an important concept and a powerful technique meanwhile we can even speak of an over reaction for the concept has become a buzzword but buzzwords always appear where there is the hope of exploiting ill informed clients because they see the new approach as the solution to all their problems thus object oriented programming is often hailed as a panacea and so the question is justified what is really behind it to let the cat out of the bag there is more to object oriented programming than merely putting data as objects in the fore ground instead of algorithms to which the data are subject it is more than purely an alternative view of programmed systems to identify the essence of object oriented programming is the subject of this book this is a textbook that shows in a didactically skillful way which concepts and constructs are new where they can be employed reasonably and what advantages they offer for not all programs are automatically improved by merely recasting them in an object oriented style

mastering object oriented programming is a comprehensive course designed to help you build a strong foundation in oop concepts and practical skills by understanding and applying core principles of object oriented design you ll be able to write cleaner more efficient and maintainable code for real world applications learn to design and implement robust object oriented programs gain a clear understanding of fundamental oop concepts such as classes objects attributes and methods learn key principles including encapsulation inheritance and polymorphism to create flexible and reusable code master advanced topics like abstract classes interfaces and design patterns to improve software architecture develop skills in managing object lifecycles and handling exceptions gracefully within oop context explore industry best practices including solid principles uml diagramming and testing strategies an in depth course covering the essentials and advanced topics of object oriented programming for effective software development this course begins with the fundamentals of object oriented programming introducing you to core concepts like classes objects attributes and methods you will learn how to create and instantiate classes effectively ensuring a solid foundation for building complex applications next the course tackles important principles such as encapsulation and data hiding which protect your data and promote modular design you ll gain hands on experience with constructors and destructors to manage object lifecycles ensuring resources are properly initialized and released building on these basics you ll explore inheritance method overriding and polymorphism empowering you to reuse and extend

existing code while customizing behavior the course also covers advanced topics like abstract classes and interfaces helping you design flexible and scalable software architectures to deepen your understanding this course compares composition and inheritance guiding you to choose the best approach when modeling relationships between objects you will also learn how to handle exceptions gracefully in oop making your programs more robust and reliable additionally you will be introduced to common design patterns solid principles and uml diagrams to visualize and implement maintainable well structured codebases the course concludes with best practices for testing object oriented programs ensuring your code is both functional and dependable upon completing this course you will be equipped with the knowledge and skills to design implement and maintain complex object oriented systems confidently you will transform your programming approach to produce clean reusable and scalable code significantly enhancing your software development capabilities

this textbook is written with the intention of teaching c programming in step by step manner along with programming examples and logic explanation the book begins with the fundamental concepts of object oriented programming and introducing c as object oriented programming language gradually the book covers all the object oriented features such as polymorphism inheritance virtual functions templates exception handling and files and streams at the end of this book the concept of standard template library stl is discussed in this the implementation of container algorithms and iterators is illustrated in much easier way this book teaches how to program in the powerful c language assuming no prior knowledge of programming in the most lucid manner

this book is designed to introduce object oriented programming oop in c and java and is divided into four areas of coverage preliminaries explains the basic features of c c and java such as data types operators control structures storage classes and array structures part i covers classes objects data abstraction function overloading information hiding memory management inheritance binding polymorphism class template using working illustrations based on simple concepts part ii discusses all the paradigms of java programming with ready to use programs part iii contains eight java packages with their full structures the book offers straightforward explanations of the concepts of oop and discusses the use of c and java in oop through small but effective illustrations it is ideally suited for undergraduate postgraduate courses in computer science the it professionals should also find the book useful

data structures and object oriented programming with c has been specifically designed and written to meet the requirements of the engineering students this is a core subject in the curriculum of all computer science programs the aim of this book is to help the students develop programming and analytical skills simultaneously such that they are able to design programs with maximum efficiency c language has been used in the book to permit the execution of basic data structures in a variety of ways this book also provides an in depth coverage of object oriented concepts such as encapsulation abstraction inheritance polymorphism message passing and dynamic binding templates exception handling streams and standard template library stl in c

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