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**JAVA AND  
OBJECT ORIENTATION**

**AN INTRODUCTION**

**John Hunt**



**Springer**

# Java And Object Orientation An Introduction

**David Arnow, Gerald Weiss**



## **Java And Object Orientation An Introduction:**

**Java and Object Orientation: An Introduction** John Hunt, 2002-03-15 This second edition shows readers how to build object oriented applications in Java Written in a clear and concise style with lots of examples this revised edition provides a detailed understanding of object orientation a thorough introduction to Java including building blocks constructs classes data structures etc coverage of graphical user interfaces and applets AWT Servlets and object oriented analysis If you are looking for a good introduction to Java and object orientation then this is the book for you Source code for the examples in this book is available on the Internet *Java and object orientation* John Hunt, 1998 *Comprehensive Introduction to Object-Oriented Programming With Java*, A. C. Wu, 2007 An Introduction to Object Oriented Programming with Java provides an accessible and technically thorough introduction to the basics of programming using java The text takes a truly object oriented approach Objects are used early so that students think in objects right from the beginning As with Wu s other text he takes a consistent problem solving approach and integrates this same approach throughout the textbook

*Object-oriented Programming with Java* David J. Barnes, 2000 For an undergraduate course in Object Oriented Programming or a course in Intermediate Java Programming Appealing to programmers and non programmers alike this complete introduction to Java shows students how to use this versatile and popular object oriented programming language as a primary tool in many different aspects of their programming work not just for creating programs with graphical content within Web pages and includes complete descriptions of the fundamental elements of Java with step by step instructions on how to compile and run a program Well organized clearly written and visually engaging it gives students real hands on experience as it guides them through all of Java s functions and capabilities reinforcing their understanding with periodic reviews and helping them see Java s everyday applicability through many interesting case studies Emphasizing the importance of good programming style particularly the need to maintain an object s integrity from outside interference it teaches students how to harness the power of Java in object oriented programming and enables them to create their own interesting and practical every day applications **Java And Object Orientation: An Introduction, 2E** Hunt, 2008-08-01

*Introduction to Programming Using Java* David M. Arnow, Gerald Weiss, 1998 Javas support for GUI and network programming makes a great setting for diverse programming examples a calculator a strategy game reading the Dow Jones from Yahoo a Web surveyor application scheduling songs for a rock and roll radio station as well as traditional payroll and student GPA computations Working with these and other examples students learn to think like a programmer analyze problems devise solutions design classes and write code Features Uses the necessary features of Java 1.1 while teaching CS1 concepts Uses object oriented concepts from the very beginning classes objects and messages are all introduced in Chapter 1 and develops them throughout Applies a consistent class design procedure usable by beginners Contains graphic user interface GUI supplements in each chapter Provides an early introduction to testing covering test drivers debugging and test

case selection Includes a chapter with three robust applications a LOGO turtle a Web surveyor and Mancala a strategy game which use the texts class design procedure and allow the students to tie the material together *A Comprehensive Introduction to Object-oriented Programming with Java* C. Thomas Wu,2008 A Comprehensive Introduction to Object Oriented Programming with Java provides an accessible and technically thorough introduction to the basics of programming using java The text takes a truly object oriented approach Objects are used early so that students think in objects right from the beginning The text focuses on showing students a consistent problem solving approach **AN INTRODUCTION TO PROGRAMMING AND OBJECT ORIENTED DESIGN USING JAVA (With CD )** Jaime Nino,Frederick A.

Hosch,2009-01-01 Market\_Desc Programmers Software Engineers Special Features Emphasis on distinction between specification and implementation use of programming by contract Emphasis on developing components that are conceptual parts of a larger system rather than on building small self contained programs Established design patterns introduced informally throughout the text About The Book This text is an introduction to software design and construction using the programming language Java The approach is entirely object oriented sometimes called object first The emphasis throughout is on problem modeling using fundamental software engineering principles and concepts Though Java is introduced and used throughout the text this is not primarily a text about Java **Introduction to Programming Using Java** David

Arnow,Gerald Weiss,2002-09 An introductory programming book on Java introducing the concepts of object class and message using code that is updated to the latest release of the Java language platform The object oriented approach is used throughout the text as students learn the fundamentals of object oriented programming along with the basics of imperative programming There is an emphasis on the software development process which provides a usable procedure for solving problems by developing classes Each chapter has an optional supplemental section that introduces graphical user interface GUI concepts through the medium of the Java AWT **Java for Practitioners** John Hunt,2012-12-06 Java for Practitioners doesn just provide an introduction to Java it also tells you all about object orientation One of the biggest problems with many of the Java books currently on the market is that they only teach the language and ignore the object orientation aspects or at best just devote one chapter to it Not only does John Hunt cover both Java and object orientation thoroughly but he also realises that practitioners learn best by oing and he writes this book to reflect that Chapters are dippable into and ideas and concepts are introduced by exercises and practical examples The book does of course cover the new release Java 2 JDK 1 2 and it also includes the Java Self Tester which lets readers determine whether they are ready to take Sun s Java Certification exam There is also an essential reference section which provides detailed solutions to real world Java problems and new Java features No one intending to move over to Java should be without this book An Introduction to Java Programming and Object-Oriented Application Development Richard Johnson,2012-12-19 This text covers what students need to know about basic Java programming in a clear straight forward writing style Important Notice Media content referenced within the

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**Introduction to Programming Using Java** David Arnow, Weiss, 2000-11-15 This introductory programming in Java book offers a truly object oriented approach introducing objects and classes as early as the first chapter The authors cover the important topic of recursion carefully and early and place strong emphasis on the software development process which allows readers to have some exposure to a real world topic In addition each chapter has a supplemental section that introduces graphic user interface GUI concepts through the medium of the Java AWT

**An Introduction to Object-Oriented Programming with Java** C. Thomas Wu, 2009-03-24 An Introduction to Object Oriented Programming with Java takes a full immersion approach to object oriented programming Proper object oriented design practices are emphasized throughout the book Students learn how to use the standard classes first then learn to design their own classes Wu uses a gentler approach to teaching students how to design their own classes separating the coverage into two chapters GUI coverage is also located independently in the back of the book and can be covered if desired Wu also features a robust set of instructors materials including PowerPoint slides code samples and quiz questions

An Introduction to Programming and Object-oriented Design Using JAVA Jaime Nino, 2005 (WCS)

**Introduction to Programming and Object Oriented Design Using Java, Custom Edition for University of Hawaii** Jaime Niño, 2000-11 *Beginning Java Programming* Bart Baesens, Aimee Backiel, Seppe vanden Broucke, 2015-02-17 A comprehensive Java guide with samples exercises case studies and step by step instruction Beginning Java Programming The Object Oriented Approach is a straightforward resource for getting started with one of the world s most enduringly popular programming languages Based on classes taught by the authors the book starts with the basics and gradually builds into more advanced concepts The approach utilizes an integrated development environment that allows readers to immediately apply what they learn and includes step by step instruction with plenty of sample programs Each chapter contains exercises based on real world business and educational scenarios and the final chapter uses case studies to combine several concepts and put readers new skills to the test Beginning Java Programming The Object Oriented Approach provides both the information and the tools beginners need to develop Java skills from the general concepts of object oriented programming Learn to Understand the Java language and object oriented concept implementation Use Java to access and manipulate external data Make applications accessible to users with GUIs Streamline workflow with object oriented patterns The book is geared for those who want to use Java in an applied environment while learning at the same time Useful as either a course text or a stand alone self study program Beginning Java Programming is a thorough comprehensive guide

**Introduction to Object-Oriented Programming with Java** C. Wu, 2009

**Introduction to Programming and Object-Oriented Design Using Java** Jaime Niño, Frederick A. Hosch, 2008-02-04 The 3rd edition of Introduction to Programming and Object Oriented Design continues to provide students with an objects first introduction to programming and software design using Java Java is used as a vehicle for teaching problem modeling using fundamental software engineering principles and concepts

The text has been updated to include more problems and exercises and additional relevant examples It also offers optional interactive exercises using the DrJava integrated development environment IDE The UML is employed very informally for denoting objects object relationships and system dynamics No specific previous programming experience is assumed and the text is appropriate for first year computer science majors The text could also carry over to a second course on data structures or software OO design

Objects First with Java David J. Barnes, Michael Kölling, 2012-01 This introductory programming textbook integrates BlueJ with Java It provides a thorough treatment of object oriented principles

**Concise Guide to Object-Oriented Programming** Kingsley Sage, 2019-04-23 This engaging textbook provides an accessible introduction to coding and the world of Object Oriented OO programming using Java as the illustrative programming language Emphasis is placed on what is most helpful for the first time coder in order to develop and understand their knowledge and skills in a way that is relevant and practical The examples presented in the text demonstrate how skills in OO programming can be used to create applications and programs that have real world value in daily life Topics and features presents an overview of programming and coding a brief history of programming languages and a concise introduction to programming in Java using BlueJ discusses classes and objects reviews various Java library objects and packages and introduces the idea of the Application Programming Interface API highlights how OO design forms an essential role in producing a useful solution to a problem and the importance of the concept of class polymorphism examines what to do when code encounters an error condition describing the exception handling mechanism and practical measures in defensive coding investigates the work of arrays and collections with a particular focus on fixed length arrays the ArrayList HashMap and HashSet describes the basics of building a Graphical User Interface GUI using Swing and the concept of a design pattern outlines two complete applications from conceptual design to implementation illustrating the content covered by the rest of the book provides code for all examples and projects at an associated website This concise guide is ideal for the novice approaching OO programming for the first time whether they are a student of computer science embarking on a one semester course in this area or someone learning for the purpose of professional development or self improvement The text does not require any prior knowledge of coding software engineering OO or mathematics

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