

JAVA™ HOW TO PROGRAM

Sixth Edition
DEITEL & DEITEL

The complete, authoritative DEITEL™ LIVE-CODE introduction to object-oriented programming with the new Java™ 2 Platform Standard Edition 5.0, JDBC™, Servlets and JSP™!

Java™ is the most popular object-oriented programming language with four million developers! This new edition of the world's most widely used Java textbook uses an **early classes and objects approach**.

“Does an excellent job describing the new features included in JDK 5.0...” —Doug Kohlert, Sun Microsystems

“The UML material is very well done and a huge asset.” —Gavin Osborne, Saskatchewan Institute

“Introduces OOP early without burying the reader in complexity. The conceptual level is perfect. This will be a great help the next time I teach 101. ... I was introduced to JHTP by my students who pleaded with me to drop our assigned text in favor of JHTP. No other text comes close to its quality of organization and presentation. The Live-Code approach to presenting exemplary code makes a big difference in the learning outcome.”
—Walt Bunch, Chapman University

“I teach Java programming and object-oriented analysis and design. The optional UML/OOD case study is the best presentation of the ATM example I have seen. ... Classes are introduced early. The authors separate the functionality and the testing of the class, emphasizing good program design principles.”
—Craig W. Slinkman, U. of Texas-Arlington

“A well-written presentation of object-based programming principles. A must-read for every aspiring programmer.”
—Marita Ellixson, Eglin AFB, Univ. of Arkansas, Indiana Wesleyan Univ., Lead Facilitator

“Of particular note is the authors' attention to good software engineering.” —Dean Mellas, Cerritos College

“The optional Graphics & GUI case study track introduces students to some of the more fun things in Java! Working with color, graphics and GUI always gets their attention!” —Karen Arlien, Bismark State College

“Motivates inheritance well. Progression of examples is very nice.” —Stephen Weiss, CS Chair, UNC Chapel Hill

“Probably the most complete coverage of learning through examples in published material today. This material is such high quality—it is unbelievable. The ATM example is super!” —Anne Horton, AT&T Bell Laboratories

Java How to Program includes comprehensive coverage of object-oriented programming in Java, and several major integrated case studies: the Time class (three sections of Chapter 8), the Employee class (Chapters 9 and 10), the GradeBook class (Chapters 3–5 and 7), the optional OOD/UML ATM system (Chapters 1–8 and 10), the optional GUI and graphics track (Chapters 3–12), the DeitelMessenger instant-messaging application (Chapter 24) and two multitier, database-driven Web applications—Online Survey (Chapter 26) and Guest Book (Chapter 27).

Dr. Harvey M. Deitel and **Paul J. Deitel** are the founders of **Deitel & Associates, Inc.**, the internationally recognized corporate training and content-creation organization specializing in Java™, C++, C, Visual C#® .NET, Visual Basic® .NET, Visual C++® .NET, XML, Python, Perl, Internet, Web and object technologies. The Deitels are the authors of many international best-selling programming language textbooks, including **Java How to Program, 6/e**, **Internet & World Wide Web How to Program, 3/e**, **C How to Program, 4/e** and **C++ How to Program, 4/e**.

Java How to Program's instructor and student resources include Web sites (www.deitel.com and www.prenhall.com/deitel) with the book's code examples (also on the enclosed CD) and information for faculty, students and professionals. Contact the authors at:

deitel@deitel.com

For information on DEITEL® DIVE INTO™ SERIES on-site corporate training offered worldwide, and to subscribe to the free DEITEL® BUZZ ONLINE e-mail newsletter, visit:

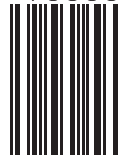
www.deitel.com

PRENTICE HALL Upper Saddle River, NJ 07458
www.prenhall.com

ISBN 0-13-148398-6



9 0000



9 780131 483989