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## How to Program Pearson Education

Provides instructions for writing C code to create games and mobile applications using the new C11 standard.

### **with Big Data and Artificial Intelligence Case Studies**

Pearson

For a wide variety of Web Programming, HTML, and JavaScript courses found in Computer Science, CIS, MIS, IT, Business, Engineering, and Continuing Education departments. Also appropriate for an introductory programming course (replacing traditional programming languages like C, C++ and Java) for schools wanting to integrate the

Internet and World Wide Web into their curricula. The revision of this groundbreaking book in the Deitels'How to Program series offers a thorough treatment of programming concepts, with programs that yield visible or audible results in Web pages and Web-based applications. The book discusses effective Web-page design, server- and client-side scripting, ActiveX(R) controls and the essentials of electronic commerce. Internet & World Wide Web How to Program also offers an alternative to traditional introductory programming courses. The fundamentals of programming no longer have to be

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taught in languages like C, C++ and Java. With Internet/Web markup languages (such as HTML, Dynamic HTML and XML) and scripting languages (such as JavaScript(R), VBScript(R) and Perl/CGI), you can teach the fundamentals of programming wrapped in the Web-page metaphor.

### **Java Prentice Hall**

C How to Program, 6e, is ideal for introductory courses in C Programming. Also for courses in Programming for Engineers, Programming for Business, and Programming for Technology. This text provides a valuable reference for programmers and anyone interested in learning the C programming language.

The Deitels' groundbreaking *How to Program* series offers unparalleled breadth and depth of object-oriented programming concepts and intermediate-level topics for further study. Using the Deitels' signature "Live-Code™ Approach," this complete, authoritative introduction to C programming offers strong treatment of structured algorithm and program development in ANSI/ISO C with 150 working C programs. Includes rich, 300-page treatment of object-oriented programming in C++ that helps readers interpret the code more effectively.

How to Program Prentice Hall

On t.p. of previous ed., H.M. Deitel's name appears first.

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Java How to Program Prentice Hall  
A detailed introduction to the C programming language for experienced programmers. The world runs on code written in the C programming language, yet most schools begin the curriculum with Python or Java. Effective C bridges this gap and brings C into the modern era--covering the modern C17 Standard as well as potential C2x features. With the aid of this instant classic, you'll soon be writing professional, portable, and secure C programs to power robust systems and solve real-world problems. Robert C. Seacord introduces C and the C Standard

Library while addressing best practices, common errors, and open debates in the C community. Developed together with other C Standards committee experts, Effective C will teach you how to debug, test, and analyze C programs. You'll benefit from Seacord's concise explanations of C language constructs and behaviors, and from his 40 years of coding experience. You'll learn:

- How to identify and handle undefined behavior in a C program
- The range and representations of integers and floating-point values
- How dynamic memory allocation works and how to use nonstandard

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functions • How to use character encodings and types • How to perform I/O with terminals and filesystems using C Standard streams and POSIX file descriptors • How to understand the C compiler's translation phases and the role of the preprocessor • How to test, debug, and analyze C programs Effective C will teach you how to write professional, secure, and portable C code that will stand the test of time and help strengthen the foundation of the computing world.

C++ How to program Pearson Education

The professional programmer ' s

Deitel® guide to Python® with introductory artificial intelligence case studies Written for programmers with a background in another high-level language, Python for Programmers uses hands-on instruction to teach today ' s most compelling, leading-edge computing technologies and programming in Python – one of the world ' s most popular and fastest-growing languages. Please read the Table of Contents diagram inside the front cover and the Preface for more details. In the context of 500+, real-world examples ranging from individual snippets to 40 large scripts and full implementation case

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studies, you ' ll use the interactive IPython interpreter with code in Jupyter Notebooks to quickly master the latest Python coding idioms. After covering Python Chapters 1-5 and a few key parts of Chapters 6-7, you ' ll be able to handle significant portions of the hands-on introductory AI case studies in Chapters 11-16, which are loaded with cool, powerful, contemporary examples. These include natural language processing, data mining Twitter® for sentiment analysis, cognitive computing with IBM® Watson™, supervised machine learning with classification and regression, unsupervised machine learning with clustering, computer vision through deep learning and convolutional neural networks, deep learning with recurrent neural networks, big data with Hadoop®, Spark™ and NoSQL databases, the Internet of Things and more. You ' ll also work directly or indirectly with cloud-based services, including Twitter, Google Translate™, IBM Watson, Microsoft® Azure®, OpenMapQuest, PubNub and more. Features 500+ hands-on, real-world, live-code examples from snippets to case studies IPython + code in Jupyter® Notebooks Library-focused: Uses Python

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<p>Standard Library and data science libraries to accomplish significant tasks with minimal code Rich Python coverage: Control statements, functions, strings, files, JSON serialization, CSV, exceptions Procedural, functional-style and object-oriented programming Collections: Lists, tuples, dictionaries, sets, NumPy arrays, pandas Series &amp; DataFrames Static, dynamic and interactive visualizations Data experiences with real-world datasets and data sources Intro to Data Science sections: AI, basic stats, simulation, animation, random variables, data wrangling, regression AI, big data</p>	<p>and cloud data science case studies: NLP, data mining Twitter®, IBM® Watson™, machine learning, deep learning, computer vision, Hadoop®, Spark™, NoSQL, IoT Open-source libraries: NumPy, pandas, Matplotlib, Seaborn, Folium, SciPy, NLTK, TextBlob, spaCy, Textatistic, Tweepy, scikit-learn®, Keras and more Accompanying code examples are available here: <a href="http://ptgmedia.pearsoncmg.com/imprint_downloads/informit/bookreg/9780135224335/9780135224335_examples.zip">http://ptgmedia.pearsoncmg.com/imprint_downloads/informit/bookreg/9780135224335/9780135224335_examples.zip</a>. Register your product for convenient access to downloads, updates, and/or corrections as they become available. See inside book</p>
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for more information.

C No Starch Press

CHow to ProgramCHow to

ProgramPrentice Hall

JavaScript for Programmers

Pearson Education

This book provides comprehensive coverage of object-oriented programming in Visual C++ , including several major integrated case studies: the GradeBook class, the Time class, the Employee class and the optional OOD/UML- the industry-standard object-oriented system modeling language.

Lab Manual to Accompany C++  
how to Program (3rd Ed.) Prentice Hall

The Deitels' 'How to Program' books offer unparalleled breadth and depth of object-oriented programming concepts and intermediate-level topics for further study. This complete, authoritative introduction to C programming offers treatment of structured algorithm and program development in ANSI/ISO C with 150 working C programs.

Java SE 8 for Programmers Prentice Hall Professional

C# builds on the skills already mastered by C++ and Java programmers, enabling them to create powerful Web applications and components - ranging from XML-based Web services on Microsoft's .NET



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platform to middle-tier business objects and system-level applications.

C++ How to Program, Early Objects, Student Value Edition Plus Myprogramminglab with Pearson Etext -- Access Card Package  
Prentice Hall

This Lab Manual is designed to accompany the book, "C++ How to Program, Third Edition" in a laboratory environment. It offers hundreds of exercises that cover introductory and intermediate C++ programming concepts by enabling users to "learn by doing"--a core philosophy at Deitel & Associates, Inc. It contains comprehensive lab activities for Chapters 1 through 8 of the book and suggested labs for the remainder of the book. The labs assume that users will take approximately 2 hours of closed lab time, and each comprehensive lab includes objectives, key concepts, a lab activity, conclusions, and assignments. The Lab Manual also contains electronic files for all the necessary program and data files. This Edition covers every key concept and technique ANSI C++ developers need to master: control structures, functions, arrays, pointers and strings, classes and data abstraction, operator overloading, inheritance, virtual functions, polymorphism, I/O,

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templates, exception handling, file processing, data structures, and more. It also includes a detailed introduction to Standard Template Library (STL) containers, container adapters, algorithms, and iterators. The accompanying CD-ROM includes all code from the book, plus Microsoft's Visual C++ 6.0, Introductory Edition. For anyone who wants to learn C++, improve their existing C++ skills, and master object-oriented development with C++.	Encapsulation, Inheritance, Polymorphism, Interfaces, Nested Classes Integrated OOP Case Studies: Time, GradeBook, Employee Industrial-Strength, 95-Page OOD/UML® 2 ATM Case Study JavaServer™ Faces, Ajax-Enabled Web Applications, Web Services, Networking JDBC™, SQL, Java DB, MySQL® Threads and the Concurrency APIs I/O, Types, Control Statements, Methods Arrays, Generics, Collections Exception Handling, Files GUI, Graphics, GroupLayout, JDIC Using the Debugger and the API Docs And more... VISIT <a href="http://WWW.DEITEL.COM">WWW.DEITEL.COM</a>
How to Program Pearson Education India	For information on Deitel 's Dive
PRACTICAL, EXAMPLE-RICH COVERAGE OF: Classes, Objects,	

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Into® Series corporate training courses offered at customer sites worldwide (or write to [deitel@deitel.com](mailto:deitel@deitel.com)) Download code examples Check out the growing list of programming, Web 2.0, and software-related Resource Centers To receive updates for this book, subscribe to the free DEITEL® BUZZ ONLINE e-mail newsletter at [www.deitel.com/newsletter/subscribe.html](http://www.deitel.com/newsletter/subscribe.html) Read archived issues of the DEITEL® BUZZ ONLINE The practicing programmer 's DEITEL® guide to Java™ development and the Powerful Java™ Platform Written for programmers with a background in high-level language programming, this book applies the Deitel signature live-code approach to teaching programming and explores the Java language and Java APIs in depth. The book presents the concepts in the context of fully tested programs, complete with syntax shading, code highlighting, line-by-line code descriptions and program outputs. The book features 220 Java applications with over 18,000 lines of proven Java code, and hundreds of tips that will help you build robust applications. Start with an introduction to Java using an early classes and objects approach, then rapidly move on to more advanced topics, including GUI, graphics,

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exception handling, generics, collections, JDBC™, web-application development with JavaServer™ Faces, web services and more. You ' ll enjoy the Deitels ' classic treatment of object-oriented programming and the OOD/UML® ATM case study, including a complete Java implementation. When you ' re finished, you ' ll have everything you need to build object-oriented Java applications. The DEITEL® Developer Series is designed for practicing programmers. The series presents focused treatments of emerging technologies, including Java™, C++ , .NET, web services, Internet and

web development and more. PRE-PUBLICATION REVIEWER TESTIMONIALS “ Presenting software engineering side by side with core Java concepts is highly refreshing; gives readers insight into how professional software is developed. ” —Clark Richey (Java Champion), RABA Technologies, LLC. “ The quality of the design and code examples is second to none! ” —Terrell Hull, Enterprise Architect “ The JDBC chapter is very hands on. I like the fact that Java DB/Apache Derby is used in the examples, which makes it really simple to learn and understand JDBC. ” —Sandeep Konchady, Sun

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Microsystems “Equips you with the latest web application technologies. Examples are impressive and real! Want to develop a simple address locator with Ajax and JSF? Jump to Chapter 22.” —Vadiraj Deshpande, Sun Microsystems “Covers web services with Java SE 6 and Java EE 5 in a real-life, example-based, friendly approach. The Deitel Web Services Resource Center is really good, even for advanced developers.” —Sanjay Dhamankar, Sun Microsystems “Mandatory book for any serious Java EE developer looking for improved productivity: JSF development, visual web development and web services development have never been easier.” —Ludovic Chapenois, Sun Microsystems “I teach Java programming and object-oriented analysis and design. The OOD/UML 2 case study is the best presentation of the ATM example I have seen.” —Craig W. Slinkman, University of Texas – Arlington “Introduces OOP and UML 2 early. The conceptual level is perfect. No other book 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/

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The CERT C Secure Coding Standard  
Prentice Hall

Summary: "Written for programmers with a background in high level language programming, the book applies the Deitel signature live code approach to teaching programming and explores the Java language in depth ..."

C Pearson Higher Ed

For introductory courses in C Programming. Also for courses in Programming for Engineers, Programming for Business, and Programming for Technology. The Deitels' groundbreaking How to Program series offers unparalleled breadth and depth of object-oriented programming concepts and

intermediate-level topics for further study. Using the Deitels' signature Live-Code Approach, this complete, authoritative introduction to C programming offers strong treatment of structured algorithm and program development in ANSI/ISO C with 150 working C programs. Includes rich, 300-page treatment of object-oriented programming in C++ that helps students interpret the code more effectively.

How to Program Pearson Higher Ed

The practicing programmer's DEITEL® guide to C# and the powerful Microsoft .NET Framework  
Written for programmers with a background in C++, Java, or other high-level languages, this book applies

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the Deitel signature live-code approach to teaching programming and explores Microsoft's C# language and the new .NET 2.0 in depth. The book is updated for Visual Studio® 2005 and C# 2.0, and presents C# concepts in the context of fully tested programs, complete with syntax shading, detailed line-by-line code descriptions, and program outputs. The book features 200+ C# applications with 16,000+ lines of proven C# code, as well as 300+ programming tips that will help you build robust applications. Start with a concise introduction to C# fundamentals using an early classes and objects approach, then rapidly move on to more advanced topics, including multithreading, XML, ADO.NET 2.0, ASP.NET 2.0, Web services, network programming, and .NET remoting. Along the way you will enjoy the Deitels' classic treatment of object-oriented programming and a new, OOD/UML™ ATM case study, including a complete C# implementation. When you are finished, you will have everything you need to build next-generation Windows applications, Web applications, and Web services. Dr. Harvey M. Deitel and Paul J. Deitel are the founders of Deitel & Associates, Inc., the internationally recognized programming languages content-creation and corporate-training organization. Together with their colleagues at Deitel & Associates, Inc., they have

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written many international best-selling programming languages textbooks that millions of people worldwide have used to master C, C++, Java™, C#, XML, Visual Basic®, Perl, Python, and Internet and Web programming. The DEITEL® Developer Series is designed for practicing programmers. The series presents focused treatments of emerging technologies, including .NET, J2EE, Web services, and more. Practical, Example-Rich Coverage Of: C# 2.0, .NET 2.0, FCL ASP.NET 2.0, Web Forms and Controls Database, SQL, and ADO.NET 2.0 Networking and .NET Remoting XML, Web Services Generics, Collections GUI/Windows® Forms OOP: Classes, Inheritance, and Polymorphism OOD/UML™ ATM Case Study Graphics and Multimedia Multithreading Exception Handling And more... VISIT [WWW.DEITEL.COM](http://WWW.DEITEL.COM) Download code examples To receive updates on this book, subscribe to the free DEITEL® BUZZ ONLINE e-mail newsletter at [www.deitel.com/newsletter/subscribe.html](http://www.deitel.com/newsletter/subscribe.html) Read archived Issues of the DEITEL® BUZZ ONLINE Get corporate training information Concepts, Coroutines, Ranges, and more Prentice Hall This new, briefer edition of C++ How to Program follows all the extensive updates made to C++ How to Program, Fifth Edition and offers readers a concise, introduction to the basics of object-



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<p>oriented programming in C++ .Small C++ features an early object and classes approach and covers the basics of object-oriented programming including classes, objects, encapsulation, inheritance and polymorphism. Provides complete programming exercises along with numerous tips, recommended practices and cautions (all marked with icons) for writing code that is portable, reusable and optimized for performance. The accompanying CD-ROM includes all the source code from the book.A useful brief reference for programmers or anyone who wants to learn more</p>	<p>about the C++ programming language.</p> <p>Java for Programmers Pearson Education</p> <p>This special edition of Java How to Program is up-to-date with the Java 2 Platform Standard Edition 1.5. It covers fundamental programming topics and provides several extra chapters so readers can include or omit material as needed. Includes Recursion and Searching and Sorting chapters. Provides extensive complete programming exercises plus "What does this program do?", "What's wrong with this program?", "Complete the program" and "Modify the program" exercises. Covers text-file processing. Features coverage of special topics, such as pre- and postconditions, invariants, testing and debugging, ethics and software engineering. Includes a CD-ROM with every copy of the book that contains:</p>
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(subject to change) Java™ 2 Platform, Standard Edition 1.5; Netbeans; JCreator LE; jEdit; jGRASP; BlueJ; Source code for all the book's examples; Hyperlinks to valuable Java™ demos and Internet resources. A useful brief reference for programmers or anyone who wants to learn more about the Java programming language.

Internet & World Wide Web Prentice Hall

The practicing programmer 's Deitel® guide to XHTML®, CSS®, JavaScript™, XML® and Ajax RIA development. This book applies the Deitel signature live-code approach to teaching the client side of Rich Internet Applications (RIA) development. The book presents concepts in the context of 100+ fully

tested programs (6,000+ lines of code), complete with syntax shading, detailed descriptions and sample outputs. The book features over 150 tips that will help you build robust client-side web applications. Start with an introduction to Extensible HyperText Markup Language (XHTML®) and Cascading Style Sheets (CSS®), then rapidly move on to the details of JavaScript™ programming. Finish with more advanced client-side development technologies including XHTML 's Document Object Model (DOM®), Extensible Markup Language (XML®), XML 's DOM, JavaScript Object Notation (JSON) and Asynchronous JavaScript and XML (Ajax). When

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you ' re finished, you ' ll have everything you need to build the client side of Web 2.0 Rich Internet Applications (RIAs). The book culminates with several substantial Ajax-enabled RIAs, including a book cover viewer (JavaScript/DOM), an address book (Ajax/consuming web services) and a calendar application (Ajax/Dojo/consuming web services). The Deitel® Developer Series is designed for professional programmers. The series presents focused treatments of emerging technologies, including .NET, Java™, web services, Internet and web development and more. C Programming Absolute Beginner's Guide C How to Program C How to Program

I ' m an enthusiastic supporter of the CERT Secure Coding Initiative. Programmers have lots of sources of advice on correctness, clarity, maintainability, performance, and even safety. Advice on how specific language features affect security has been missing. The CERT® C Secure Coding Standard fills this need. ” – Randy Meyers, Chairman of ANSI C “ For years we have relied upon the CERT/CC to publish advisories documenting an endless stream of security problems. Now CERT has embodied the advice of leading technical experts to give programmers and managers the practical guidance needed to avoid those problems in new applications and to help secure legacy systems. Well done! ” – Dr. Thomas Plum, founder of Plum Hall, Inc. “ Connectivity has sharply increased the need for secure, hacker-safe applications.

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By combining this CERT standard with other safety guidelines, customers gain all-round protection and approach the goal of zero-defect software. ” – Chris Tapp, Field Applications Engineer, LDRA Ltd. “ I ’ ve found this standard to be an indispensable collection of expert information on exactly how modern software systems fail in practice. It is the perfect place to start for establishing internal secure coding guidelines. You won ’ t find this information elsewhere, and, when it comes to software security, what you don ’ t know is often exactly what hurts you. ” – John McDonald, coauthor of The Art of Software Security Assessment Software security has major implications for the operations and assets of organizations, as well as for the welfare of individuals. To create secure software, developers must know where the dangers lie. Secure programming in C can be more difficult than even many experienced programmers believe. This book is an essential desktop reference documenting the first official release of The CERT® C Secure Coding Standard . The standard itemizes those coding errors that are the root causes of software vulnerabilities in C and prioritizes them by severity, likelihood of exploitation, and remediation costs. Each guideline provides examples of insecure code as well as secure, alternative implementations. If uniformly applied, these guidelines will eliminate the critical coding errors that lead to buffer overflows, format string vulnerabilities, integer overflow, and other common software vulnerabilities.

How to Program Pearson Education  
This is the eBook of the printed book and may not include any

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media, website access codes, or print supplements that may come packaged with the bound book. The Deitels' groundbreaking How to Program series offers unparalleled breadth and depth of object-oriented programming concepts and intermediate-level topics for further study. This survey of Java programming contains an optional extensive OOD/UML 2 case study on developing and implementing the software for an automated teller machine. The Eighth Edition of this acclaimed text is now current with the Java SE 6 updates that have occurred since the book was last published. The Late Objects Version

delays coverage of class development until Chapter 8, presenting the control structures, methods and arrays material in a non-object-oriented, procedural programming context.