3 New Countdown Second Edition Oxford

In the second episode of a spectacular new series from New York Times bestselling author Fern Michaels, the men in the Sisterhood's lives join forces to protect the underdog and see justice served. . . It takes a special kind of man to love and be loved by one of the Sisterhood. The women's escapades have brought them worldwide fame and created a bond among their menfolk too. But now, Jack, Ted, Harry, Joe, Bert and Abner have formed a secret group of their own and they've got a project in mind—taking down some of Washington, D.C.'s most ruthless slum landlords. First step: making reparations to the tenants who've suffered. Second step: making sure the bad guys pay. Ted, Jack, and company must find a way to hit the villains where it hurts most. Good thing these modern-day Robin Hoods have learned from the best, and that the Sisterhood can always be counted on to help fight for what's right. . . 39,053 Words

What makes Windows refugees decide to get a Mac? Enthusiastic friends? The Apple Stores? Great-looking laptops? A "halo effect" from the popularity of iPhones and iPads? The absence of viruses and spyware? The freedom to run Windows on a Mac? In any case, there's never been a better time to switch to OS X—and there's never been a better, more authoritative book to help you do it. The important stuff you need to know: Transfer your stuff. Moving files from a PC to a Mac by cable, network, or disk is the easy part. But how do you extract your email, address book, calendar, Web bookmarks, buddy list, desktop pictures, and MP3 files? Now you'll know. Recreate your software suite. Many of the PC programs you've been using are Windows-only. Discover the Mac equivalents and learn how to move data to them. Learn Yosemite. Apple's latest operating system is faster, smarter, and more in tune with iPads and iPhones. If Yosemite has it, this book covers it. Get the expert view. Learn from Missing Manuals creator David Pogue—author of OS X Yosemite: The Missing Manual, the #1 bestselling Mac book on earth.

Dr. Jack Greer's startling discovery beneath the Gulf of Mexico proved to the world we were not alone in the universe. But when images from the Voyager I space probe reveal an alien doomsday ship hurtling toward the earth, the human race seems marked for extinction. As news of the approaching ship spreads panic around the globe, signs of a sinister plot begin to emerge. One which threatens to unravel the already fragile fabric of society and everything Jack and Dr. Mia Ward have fought for. But could a mysterious signal emanating from inside Greenland's ice sheet hold the promise of unlocking the secrets hidden within our genome and preventing humanity's destruction? From the frozen fields of Greenland to the bustling Indian subcontinent and the cobbled streets of Rome, the race is on to stop the deadliest countdown to extinction the human race has ever known.

Presidential term limits are one of the most important institutions in presidentialism. They are at the center of contemporary and historical debates and political battles between incumbent presidents seeking additional terms and their political opponents warning against democratic backsliding and the dangers of personalism. Bringing the team of country experts, comparativists, theorists, constitutional lawyers, and policy practitioners together, The Politics of Presidential Term Limits is a book that aims to provide a one-stop source for the comprehensive study of this topic. It includes theory and survey chapters that explain presidential term limits as an idea, constitutional norm, and an institution; country and comparative chapters including historical, intra-regime, and comparative regional studies, chapters that examine the effects of term limits as well as studies from the perspective of on-the-ground international constitutional builders and that ask what difference do term limits make.--Provided by publisher

BEST SELLER WITH OVER 1 MILLION COPIES SOLD World War III Has Begun! This revision of Jerusalem Countdown, updated to address the recent conflict with Hezbollah, the roles of North Korea and Syria in the coming nuclear showdown, and the infiltration of Islamic terrorists on American soil. Enhancing the message of the original edition, which has sold more than 800,000 copies, John Hagee anticipates Israel's strategies toward the Iranian threat and the resulting effect upon America. Hagee skillfully unveils the reasons radical Islam and Israel cannot dwell peaceably together as he paints a convincing picture explaining why Christians must support the State of Israel. About the Author John Hagee is the senior pastor of Cornerstone Church in San Antonio, Texas. The nondenominational evangelical church now has more than 18,000 active members. Known best nationally for his End-Times writings, he has authored several fiction and nonfiction best sellers.

A plane bound for Amman, Jordan goes down in the Caspian Sea. The crash yields no survivors—save the Russian mercenary who hijacked the flight—and a cask containing an agent of unprecedented destructive potential is missing from the wreckage. A carefully plotted terrorist attack has been put into motion, and the resulting chaos might be enough to push America toward another costly war. The one man who might be able to stop the attack is Jack Hatfield, a freelance reporter who has never shied away from controversy. After making a politically incorrect statement about Islamic extremists, he has been discredited as a journalist and left to pick up the pieces of his career. But when his half-brother Sammy calls him, saying that his neighbor Ana overheard something she shouldn't have and now both their lives are in danger, Jack realizes he's stumbled upon a conspiracy to destroy Mecca. Now he, and a group of likeminded friends on the fringes of the law, must uncover who is behind the plot and stop them—or else witness the collapse of the world into a war of mutually assured global destruction. Michael Savage's COUNTDOWN TO MECCA is a gripping page-turner that takes readers on a journey where even the seemingly innocent aren't always innocent, the loyal aren't always loyal, and that even those counted on to serve their country, cannot always be counted on to protect it. With the threat of a third world war looming, Jack Hatfield must stop the destruction... before somebody can stop him.

Thoroughly updated and expanded, this new edition of Negotiating Arab-Israeli Peace examines the history of recurrent efforts to resolve the Arab-Israeli conflict and identifies a pattern of negative negotiating behaviors that seem to repeatedly derail efforts to achieve peace. In a lively and accessible style, Laura Zittrain Eisenberg and Neil Caplan examine eight case studies of recent Arab-Israeli diplomatic encounters, from the Egyptian-Israeli peace of 1979 to the beginning of the Obama administration, in light of the historical record. By measuring contemporary diplomatic episodes against the pattern of counterproductive negotiating habits, this book makes possible a coherent comparison of over sixty years of Arab-Israeli negotiations and gives readers a framework with which to assess the relative strengths and weaknesses of peace-making attempts, past, present, and future.

The previous edition of the International Encyclopedia of Ergonomics and Human Factors made history as the first unified source of reliable information drawn from many realms of science and technology and created specifically with ergonomics professionals in mind. It was also a winner of the Best Reference Award 2002 from the Engineering Libraries Division, American Society of Engineering Education, USA, and the Outstanding Academic Title 2002 from Choice Magazine. Not content to rest on his laurels, human factors and ergonomics expert Professor Waldemar Karwowski has overhauled his standard-setting resource, incorporating coverage of tried and true methods, fundamental principles, and major paradigm shifts in philosophy, thought, and design. Demonstrating the truly interdisciplinary nature of this field, these changes make the second edition even more comprehensive, more informative, more, in a word, encyclopedic. Keeping the format popularized by the first edition, the new edition has been completely revised and updated. Divided into 13 sections and organized alphabetically within each section, the entries provide a clear and simple outline of the topics as well as precise and practical information. The book reviews applications, tools, and innovative concepts related to ergonomic research. Technical terms are defined (where possible) within entries as well as in a glossary. Students and professionals will find this format invaluable, whether they have ergonomics, engineering, computing, or psychology backgrounds. Experts and researchers will also find it an excellent source of information on areas beyond the range of their direct interests.

The average pregnancy lasts 280 days—and the suspense can be excruciating! The Pregnancy Countdown Book counts down the biggest

milestones every step of the way, with one page of helpful information for each day of your pregnancy. Here are tips from doctors and mothers, amusing anecdotes and quotes, and all of the uncensored details that other books won't tell you. The perfect gift for expecting moms of all ages, The Pregnancy Countdown Book is a delightfully irreverent look at the craziest nine months of your life.

In a world that is dominated by computer images, alternative stop motion techniques like pixilation, time-lapse photography and down-shooting techniques combined with new technologies offer a new, tangible and exciting approach to animation. With over 25 years professional experience, industry veteran, Tom Gasek presents a comprehensive guide to stop motion animation without the focus on puppetry or model animation. With tips, tricks and hands-on exercises, Frame by Frame will help both experienced and novice filmmakers get the most effective results from this underutilized branch of animation. Practical insight and inspiration from leading filmmakers like PES (Western Spaghetti Creator, Time Magazine's #2 Viral Video of 2008), Dave Borthwick, of the Bolex Brothers and more! The accompanying website will include further content driven examples, indexes of stop motion software, a recommended film list and tools and resources for the beginner and intermediate stop motion artist, animators and filmmakers.

Providing a foundation in the structure of the language by gradually building students' understanding of the basic grammar, vocabulary, and functions of English.

After Israel declares war on Iran, CIA operative David Shirazi infiltrates the Iranian regime and intercepts information indicating that two Iranian nuclear warheads have been moved to a secure and undisclosed location.

"A genre-defying blend of crime writing and science fiction."—Alexandra Alter, The New York Times Detective Hank Palace returns in the second in the speculative mystery trilogy set on the brink of the apocalypse and winner of the 2014 Philip K. Dick Award. There are just 77 days before a deadly asteroid collides with Earth, and Detective Palace is out of a job. With the Concord police force operating under the auspices of the U.S. Justice Department, Hank's days of solving crimes are over...until a woman from his past begs for help finding her missing husband. Brett Cavatone disappeared without a trace—an easy feat in a world with no phones, no cars, and no way to tell whether someone's gone "bucket list" or just gone. With society falling to shambles, Hank pieces together what few clues he can, on a search that leads him from a college-campus-turned-anarchist-encampment to a crumbling coastal landscape where anti-immigrant militia fend off "impact zone" refugees. Countdown City presents another fascinating mystery set on brink of an apocalypse--and once again, Hank Palace confronts questions way beyond "whodunit." What do we as human beings owe to one another? And what does it mean to be civilized when civilization is collapsing all around you?

An introduction to the engineering principles of embedded systems, with a focus on modeling, design, and analysis of cyber-physical systems. The most visible use of computers and software is processing information for human consumption. The vast majority of computers in use, however, are much less visible. They run the engine, brakes, seatbelts, airbag, and audio system in your car. They digitally encode your voice and construct a radio signal to send it from your cell phone to a base station. They command robots on a factory floor, power generation in a power plant, processes in a chemical plant, and traffic lights in a city. These less visible computers are called embedded systems, and the software they run is called embedded software. The principal challenges in designing and analyzing embedded systems stem from their interaction with physical processes. This book takes a cyber-physical approach to embedded systems, introducing the engineering concepts underlying embedded systems as a technology and as a subject of study. The focus is on modeling, design, and analysis of cyber-physical systems, which integrate computation, networking, and physical processes. The second edition offers two new chapters, several new exercises, and other improvements. The book can be used as a textbook at the advanced undergraduate or introductory graduate level and as a professional reference for practicing engineers and computer scientists. Readers should have some familiarity with machine structures, computer programming, basic discrete mathematics and algorithms, and signals and systems.

The clock is relentlessly ticking! Our world teeters on a knife-edge between a peaceful and prosperous future for all, and a dark winter of death and destruction that threatens to smother the light of civilization. Within 30 years, in the 2030 decade, six powerful 'drivers' will converge with unprecedented force in a statistical spike that could tear humanity apart and plunge the world into a new Dark Age. Depleted fuel supplies, massive population growth, poverty, global climate change, famine, growing water shortages and international lawlessness are on a crash course with potentially catastrophic consequences. In the face of both doomsaying and denial over the state of our world, Colin Mason cuts through the rhetoric and reams of conflicting data to muster the evidence to illustrate a broad picture of the world as it is, and our possible futures. Ultimately his message is clear; we must act decisively, collectively and immediately to alter the trajectory of humanity away from catastrophe. Offering over 100 priorities for immediate action, The 2030 Spike serves as a guidebook for humanity through the treacherous minefields and wastelands ahead to a bright, peaceful and prosperous future in which all humans have the opportunity to thrive and build a better civilization. This book is powerful and essential reading for all people concerned with the future of humanity and planet earth.

Four starred reviews greeted this new, groundbreaking classic from Deborah Wiles!Franny Chapman just wants some peace. But that's hard to get when her best friend is feuding with her, her sister has disappeared, and her uncle is fighting an old war in his head. Her saintly younger brother is no help, and the cute boy across the street only complicates things. Worst of all, everyone is walking around just waiting for a bomb to fall.It's 1962, and it seems that the whole country is living in fear. When President Kennedy goes on television to say that Russia is sending nuclear missiles to Cuba, it only gets worse. Franny doesn't know how to deal with what's going on in the world--no more than she knows with how to deal with what's going on with her family and friends. But somehow she's got to make it.

This document presents the results of the third United States manned orbital space flight conducted on October 3, 1962. The performance discussions of the spacecraft and launch-vehicle systems, the flight control personnel, and the astronaut, together with a detailed analysis of the medical aspects of the flight, form a continuation of the information previously published for the first two United States manned orbital flights, conducted on February 20 and May 24, 1962, and the two manned suborbital space flights.--p. iii.

Field trip today—to the apple farm! Count 20 name tags, 19 kids on the bus, and 18 miles to the farm. There are 14 cows and 13 ducks (10 white and 3 black) and 12 rows of apple trees. Count the apples in your sack, count 3 pies to eat (divided into 20 pieces), and all too soon it's 2 p.m., time to go! But wait—Lee has a number 1 surprise. Joan Holub's creative countdown, from 20 to 1, includes grouping and simple addition. Her multicultural students enjoy all that the apple farm has to offer, from counting the cows and ducks to picking different varieties of apples. The inside cover of this cheerful book is filled with apple facts.

In this the final prequel to the blockbuster series, the story features the Rapture three-quarters of the way through the book and then follows characters such as Irene and Raymie (and others) up to heaven, where they are able to see events in the Tribulation from heaven's perspective. The story alternates between events on earth immediately after the Rapture (covering lots of things the authors wished they could have covered in the original volumes) and characters in heaven and how they view the chaotic events on earth.

Based on the highly successful Primary Mathematics series from Singapore. Designed to equip students with a strong foundation in mathematics and critical thinking skills, this program offers an integrated solution to learning needs in the classroom for grade 4.

Explore everything your Apple Watch can do in watchOS 8! Version 2.0, updated November 5, 2021 This book helps you pick out an Apple Watch, discusses what the watch is good for, covers the controls and navigation, and describes how to use the core apps.n Since its introduction in 2015, the Apple Watch has become the world's best-selling watch, as well as the most popular wearable digital device. During that time, Apple has also added numerous new watch product lines, vastly expanded the device's capabilities, and enabled developers to

create entirely new apps and tools. The Apple Watch hides an enormous amount of technical complexity behind that unassuming touch screen, and with help from author Jeff Carlson, you'll unlock every last bit of its power. Take Control of Apple Watch covers all Apple Watch models through Series 7, as well as all the new features introduced in watchOS 8. Jeff walks you through getting to know the Apple Watch (including how to pick one out if you haven't already), along with topics that teach you how to navigate among the watch's screens with the physical controls, taps on the screen, and Siri. You'll also find advice on customizing watch faces and sharing them with others, taking advantage of the blood oxygen sensor in the Apple Watch Series 6 and later, getting the notifications you want, handling text and voice communications, using Apple's core apps, and monitoring your heart rate, hearing, and monthly cycle to improve your overall health. A final chapter discusses taking care of your Apple Watch, including recharging, restarting, resetting, and restoring. Among the many topics covered in the book are: • Picking out and setting up your own Apple Watch—covers models up through Series 7 • Making watch face complications work for you • Using the Control Center and Dock • Understanding how the watch interacts with your iPhone • Staying connected using a cellular-enabled Apple Watch model • Tracking your exercise, even when you leave your iPhone at home • Placing and receiving phone calls on the watch • Using the Walkie-Talkie feature to chat with other Apple Watch owners • Sending default (and customized) text messages • Seeing email from only certain people • Adding items to your reminder lists with Siri • Loading your watch with photos and using them to create new watch faces • Doing workouts with Apple Fitness+ • Finding people, devices, and items • Controlling your home with HomeKit-compatible devices • Triggering the iPhone's camera remotely using the watch • Paying at contactless terminals using Apple Pay • Putting tickets in your watch • Using health-related features such as the blood oxygen sensor, ECG, Cycle Tracking, and Noise apps • Getting navigation directions (and using the Compass app) • Controlling an Apple TV, or Music or iTunes on a Mac with the Remote app • Unlocking a Mac (and authenticating certain actions in Catalina or later) with your watch • Adding apps to the watch via your iPhone or the watch's built-in App Store • Resetting a messed-up Apple Watch and force-quitting an app

A new generation of the bestselling junior series Mastermaths, specially created to meet today's classroom needs. Stimulating pupil books provide differentiated practice and consolidation to support the teaching of lessons using the NNS Unit Plans. Each Pupil Book is accompanied by Teaching Notes with fully explained answers to ensure clear progression for all children.

The most comprehensive book ever written on playing blackjack for profit, Blackjack Blueprint covers everything from basic strategy to counting cards, from maximizing potential going solo to playing on a blackjack team. Casino comps, location play, shuffle tracking, playing in disguise, outwitting the eye in the sky, and other advantage-play techniques—it's all here. This revised edition contains new information on getting reimbursed for airline tickets, negotiating and optimizing rebates on gambling losses, hiding chips and disguising wins, security while on blackjack-related websites, protecting your personal privacy when making large cash transactions at casinos, and more.

Fully revised and updated, Rush is a richly illustrated history of one of the world's greatest rock bands. In 1974, a Canadian rock band called Rush took the music scene by storm. Throughout the 1970s and raging into the 1980s, the band grew a tidal wave of followers and produced such hit songs as "Limelight," "Subdivisions," and "Tom Sawyer." Inducted into the Canadian Music Hall of Fame in 1994 and the Rock and Roll Hall of Fame in 2013, this progressive rock, hard rock, and heavy metal band is destined to go down in history as legendary. The band continues to make history today. Rush: The Illustrated History is a fully updated, richly illustrated history from prolific rock journalist and noted Rush authority Martin Popoff. The book follows the world-conquering exploits of Rush band members Geddy Lee, Neil Peart, and Alex Lifeson from the band's formation in Toronto to their fortieth anniversary celebration and tour. Popoff's stellar history is complemented by LP reviews from a slate of highly regarded music writers, a thorough discography compiled by the author himself, and more than 400 photographs and articles of memorabilia, from candid backstage images and live performance photography to picture sleeves, gig posters, period print ads, ticket stubs, backstage passes, and more. The result is a visually stunning and authoritative review befitting the rock band with one of the most devoted fan bases ever.

Groovy Joe is totally fun. He's a tail-wagging, song singing party of one! And he rocks like this: Disco party bow wow! #1 New York Times bestsellers Eric Litwin (Pete the Cat: I Love My White Shoes) and Tom Lichtenheld (Goodnight, Goodnight, Construction Site) are back again in another groovy story that will have little ones singing, dancing, and learning math to a whole new beat. In his second book, Groovy Joe has a dance party. But Oh no! More and more doggies are knocking on his door, asking to come in. Will there be enough room for everyone? Joe knows just what to do and soon enough he everyone moving and grooving -- the party has only just begun! Signature rhyme, repetition, and musical writing style, combined with wild and witty illustrations infused and gentle math concepts come together to create an unforgettable new Grooy Joe story all about positivity, creativity, math, and kindness. Groovy Joe is back, ready to get groovy!

With Amy and Dan still in pursuit of Pierce, Amy does something unthinkable that sends shockwaves through her family.

Are libraries extinct? In these times of economic downturn and digital availability, what could provide libraries with a reason for being? In order to provide a vital presence on Facebook and Google+, you must provide a true sense of connection with the library's friends.

New Countdown 1The Pregnancy Countdown BookNine Months of Practical Tips, Useful Advice, and Uncensored TruthsQuirk Books

A completely revised edition, offering new design recipes for interactive programs and support for images as plain values, testing, event-driven programming, and even distributed programming. This introduction to programming places computer science at the core of a liberal arts education. Unlike other introductory books, it focuses on the program design process, presenting program design guidelines that show the reader how to analyze a problem statement, how to formulate concise goals, how to make up examples, how to develop an outline of the solution, how to finish the program, and how to test it. Because learning to design programs is about the study of principles and the acquisition of transferable skills, the text does not use an off-the-shelf industrial language but presents a tailor-made teaching language. For the same reason, it offers DrRacket, a programming environment for novices that supports playful, feedback-oriented learning. The environment grows with readers as they master the material in the book until it supports a full-fledged language for the whole spectrum of programming tasks. This second edition has been completely revised. While the book continues to teach a systematic approach to program design, the second edition introduces different design recipes for interactive programs with graphical interfaces and batch programs. It also enriches its design recipes for functions with numerous new hints. Finally, the teaching languages and their IDE now come with support for images as plain values, testing, event-driven programming, and even distributed programming.

This classic book will excite students' imaginations while enriching skills in logical thinking. Logic Countdown problems are easy to incorporate into lesson plans and are formatted to enhance the fullest spectrum of curriculum areas while sharpening thinking skills. Challenging and instructional, these thought-provoking books present sequential exercises in logical reasoning that include relationships, analogies, syllogisms, sequences, deductive reasoning, inference, truth-values, and logical notation. Simple grids coupled with intriguing problems evoke enthusiasm and inspire students to higher and higher levels of thinking. Each book in this series builds on concepts presented previously in the series to offer a comprehensive logic adventure for young thinkers. The skills students build by using this book are applicable to several areas of the curriculum. Academic skills used for reading, math, writing, and science all depend on the ability to perceive and define relationships and to form inferences. But, beyond the academic world, students will find logical thinking an integral part of everyday life. This is the first in a three-book series designed to sharpen children's logical thinking skills. Once students master the skills presented in this book, they will be ready for new challenges in Logic Liftoff and Orbiting with Logic.

Witness the events leading to the new CBS All Access series PICARD in this graphic novel where new characters are introduced and secrets will be revealed. Before he retired to his vineyard, Jean-Luc Picard was the most decorated admiral in Starfleet. Then one mission changed

his life forever. What could make this dedicated and disciplined leader question his calling?

Ambassador, you are go for launch in T- minus 5…4…3…2…. Get ready to blast off with this high-action, high-stakes middle grade adventure that's perfect for fans of Chris Grabenstein and Peter Lerangis! Miranda Regent can't believe she was just chosen as one of six kids from around the world to train for the first ever mission to Mars. But as soon as the official announcement is made, she begins receiving anonymous threatening messages…and when the training base is attacked, it looks like Miranda is the intended target. Now the entire mission—and everyone's lives—are at risk. And Miranda may be the only one who can save them. The Martian meets The Goonies in this out-of-this-world middle grade debut where the stakes couldn't be higher.

Throughout your life, you've had parents, coaches, teachers, friends, and mentors who have pushed you to be better than your excuses and bigger than your fears. What if the secret to having the confidence and courage to enrich your life and work is simply knowing how to push yourself? Using the science habits, riveting stories and surprising facts from some of the most famous moments in history, art and business, Mel Robbins will explain the power of a "push moment." Then, she'll give you one simple tool you can use to become your greatest self. It take just five seconds to use this tool, and every time you do, you'll be in great company. More than 8 million people have watched Mel's TEDx Talk, and executives inside of the world's largest brands are using the tool to increase productivity, collaboration, and engagement. In The 5 Second Rule, you'll discover it takes just five seconds to: Become confident Break the habit of procrastination and self-doubt Beat fear and uncertainty Stop worrying and feel happier Share your ideas with courage The 5 Second Rule is a simple, one-size-fits-all solution for the one problem we all face—we hold ourselves back. The secret isn't knowing what to do—it's knowing how to make yourself do it. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Arial}

Countdown to Mathematics has been written to help self-study students to revise and practise basic skills in arithmetic, algebra, geometry, graphs and trigonometry. The nine teaching modules in Countdown to Mathematics have been split into two separate books. Volume 1 consists of Modules 1-4 and concentrates on basic mathematical skills. It deals with arithmetic, simple algebra, how to plot and read graphs, and the representation of data. Where possible, the techniques are illustrated with real-world applications. Volume 2 consists of Modules 5-9 and covers geometry, graphs, trigonometry and algebra. The emphasis here is on the manipulative skills which are necessary for most mathematical courses beyond GCSE standard.

Praise for the first edition: "The well-written, comprehensive book...[is] aiming to become a de facto reference for the language and its features and capabilities. The pace is appropriate for beginners; programming concepts are introduced progressively through a range of examples and then used as tools for building applications in various domains, including sophisticated data structures and algorithms...Highly recommended. Students of all levels, faculty, and professionals/practitioners.? —D. Papamichail, University of Miami in CHOICE Magazine ? Mark Lewis' Introduction to the Art of Programming Using Scala?was the first textbook to use Scala for introductory CS courses. Fully revised and expanded, the new edition of this popular text has been divided into two books. Object-Orientation, Abstraction, and Data Structures Using Scala, Second Edition is intended to be used as a textbook for a second or third semester course in Computer Science. The Scala programming language provides powerful constructs for expressing both object orientation and abstraction. This book provides students with these tools of object orientation to help them structure solutions to larger, more complex problems, and to expand on their knowledge of abstraction so that they can make their code more powerful and flexible. The book also illustrates key concepts through the creation of data structures, showing how data structures can be written, and the strengths and weaknesses of each one. Libraries that provide the functionality needed to do real programming are also explored in the text, including GUIs, multithreading, and networking. The book is filled with end-of-chapter projects and exercises, and the authors have also posted a number of different supplements on the book website. Video lectures for each chapter in the book are also available on YouTube. The videos show construction of code from the ground up and this type of "live coding" is invaluable for learning to program, as it allows students into the mind of a more experienced programmer, where they can see the thought processes associated with the development of the code. About the Authors Mark Lewis is an Associate Professor at Trinity University. He teaches a number of different courses, spanning from first semester introductory courses to advanced seminars. His research interests included simulations and modeling, programming languages, and numerical modeling of rings around planets with nearby moons.? Lisa Lacher is an Assistant Professor at the University of Houston, Clear Lake with over 25 years of professional software development experience. She teaches a number of different courses spanning from first semester introductory courses to graduate level courses. Her research interests include Computer Science Education, Agile Software Development, Human Computer Interaction and Usability Engineering, as well as Measurement and Empirical Software Engineering.

"[The] weird, beautiful, unapologetically apocalyptic Last Policeman trilogy is one of my favorite mystery series."—John Green, author of The Fault in Our Stars and Paper Towns Winner of the 2013 Edgar® Award Winner for Best Paperback Original! What's the point in solving murders if we're all going to die soon, anyway? Detective Hank Palace has faced this question ever since asteroid 2011GV1 hovered into view. There's no chance left. No hope. Just six precious months until impact. The Last Policeman presents a fascinating portrait of a pre-apocalyptic United States. The economy spirals downward while crops rot in the fields. Churches and synagogues are packed. People all over the world are walking off the job—but not Hank Palace. He's investigating a death by hanging in a city that sees a dozen suicides every week—except this one feels suspicious, and Palace is the only cop who cares. The first in a trilogy, The Last Policeman offers a mystery set on the brink of an apocalypse. As Palace's investigation plays out under the shadow of 2011GV1, we're confronted by hard questions way beyond "whodunit." What basis does civilization rest upon? What is life worth? What would any of us do, what would we really do, if our days were numbered? Ebook contains an excerpt from the anticipated second book in the trilogy, Countdown City.

In the concluding book in the otherworldly Taking trilogy, Kyra struggles to understand who she is as she races to save the world from complete destruction. Ever since Kyra was abducted by aliens and then returned to earth, she has known there was something different about her. Now she knows the truth: she is an alien too. Her alien captors replaced all her human DNA with their own—gifting her with supernatural powers like incredible healing, enhanced eyesight, and telekinesis. But when she's captured by an unexpected enemy, Kyra begins to wonder if her abilities are also a curse. And is she, as her enemies believe, meant to play some key role in helping an impending alien invasion? Is it programmed into her, something inescapable? Or can she fight that destiny? No matter what the truth is, Kyra is sure of one thing: She just rescued the love of her life, Tyler, and she is not going to stand by and let anyone hurt him or her friends. Whatever it takes, Kyra will do everything in her power to save the world…even if it means making the ultimate sacrifice.