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U45065 - MARISSA CLINTON

This book is aimed at indie and existing game developers as well as those who want to get started with game development using LibGDX. Basic knowledge of Java programming and game development is required.

'Fabulous' - The Times 'A milestone in women's history' - Observer 'Groundbreaking ... a fascinating read' - Herald In Britain today, three-quarters of mothers are in employment and paid work is an unremarkable feature of women's lives after childbirth. Yet a century ago, working mothers were in the minority, excluded altogether from many occupations, whilst their wage-earning was widely perceived as a social ill. In *Double Lives*, Helen McCarthy accounts for this remarkable transformation and the momentous consequences it has had for Britain. Recovering the everyday worlds of working mothers, this groundbreaking history forces us not only to re-evaluate the past, but to ask anew how current attitudes towards mothers in the workplace have developed and how far we have to go. 'Impressive and nuanced' - Guardian 'Brilliant' - Literary Review

If you are a Java developer who wants to learn LibGDX and create great games, then this book is for you. To take full advantage of this book, you are expected to be familiar with Java or any other object-oriented language. Experience of using Eclipse will be very useful.

Exam Essentials Practice Tests provide students with an invaluable combination of exam information, task guidance and up-to-date exam practice. This revised edition provides updated tests along with two completely new tests written by experts in the field and are at least the same level as the real Cambridge English exam. Students can be confident that if they do well in the Practice Tests, they'll do well in the real exam

Gandhi, a CEO? Absolutely—and an incomparable example for our uncertain times, when we need leaders we can trust and admire. Not only was he a moral and intensely spiritual man, but also a supremely practical manager and a powerful agent for change, able to nurture the rebirth of an entire nation. Alan Axelrod looks at this much-studied figure in a way nobody has before, employing his fluid, engaging, and conversational style to bring each lesson to life through quotes and vivid examples from Gandhi's life. New in paperback.

The book illustrates that supposedly outmoded, analog practices in contemporary photographic and cinematic art not only have maximum actuality, but also critical potential. Using the example of artists' practices that are motivated by the idea of the photographic and/or the cinematic but do not necessarily lead to photographs or films, the book shows how, in multiple ways, the display tool—the apparatus—can be explored, taken apart, reflected, modified, and newly arranged. The contributions that have also

emerged from cooperative efforts between artists and scientists focus on the required technical/material processes and demonstrate that knowledge of medial difference is also socio-politically relevant.

Monsters aren't born, they are created. Katya. After spending years in hospitals, I can finally have a life. Then my mom abandons me to the care of the most breathtaking man I've ever seen. He's like the embodiment of Death, a Greek tragedy waiting to unfold. Can I break through the darkness that has a hold on him? Kristoff. My soul is black as tar. I'm a cold-hearted killer, the leader of my own Bratva. What mother in her right mind would leave a teenage daughter on my doorstep? A desperate one who's willing to make a deal with the devil. Note: This is the free prequel novella to the Bratva Royalty duet. Trigger warning: this book contains some traumas and scenes of violence. For fans of Natasha Knight, Julia Sykes, CD Reiss, Aleatha Romig, Skye Warren, Anna Zaires, Renee Rose, Carrie Ann Ryan, Penelope Ward, Lauren Blakely, Hannah Hill, Meghan March, Katee Robert. Topics: adult romance, alpha male, romantic suspense, romance series, bad boy romance, emotional read, contemporary romance, free romance books, mafia romance, novels for free romance, series books free, revenge romance, age gap romance, steamy romance books free.

"Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free State—and having at the end of that time been kidnapped and sold into Slavery, where I remained, until happily rescued in the month of January, 1853, after a bondage of twelve years—it has been suggested that an account of my life and fortunes would not be uninteresting to the public." -an excerpt

It is not the biologist with an inkling of mathematics, but the skilled and learned mathematician who must ultimately deal with such problems as are merely sketched and adumbrated here. I pretend to no mathematical skill, but I have made what use I could of what tools I had; I have dealt with simple cases, and the mathematical methods which I have introduced are of the easiest and simplest kind. Elementary as they are, my book has not been written without the help—the indispensable help—of many friends. Like Mr Pope translating Homer, when I felt myself deficient I sought assistance! And the experience which Johnson attributed to Pope has been mine also, that men of learning did not refuse to help me.

This book has been considered by academicians and scholars of great significance and value to literature. This forms a part of the knowledge base for future generations. We have represented this book in the same form as it was first published. Hence any marks seen are left intentionally to preserve its true nature.

Businesses are gathering data today at exponential rates and yet few people know how to access it meaningfully. If you're a busi-

ness or IT professional, this short hands-on guide teaches you how to pull and transform data with SQL in significant ways. You will quickly master the fundamentals of SQL and learn how to create your own databases. Author Thomas Nield provides exercises throughout the book to help you practice your newfound SQL skills at home, without having to use a database server environment. Not only will you learn how to use key SQL statements to find and manipulate your data, but you'll also discover how to efficiently design and manage databases to meet your needs. You'll also learn how to: Explore relational databases, including lightweight and centralized models Use SQLite and SQLiteStudio to create lightweight databases in minutes Query and transform data in meaningful ways by using SELECT, WHERE, GROUP BY, and ORDER BY Join tables to get a more complete view of your business data Build your own tables and centralized databases by using normalized design principles Manage data by learning how to INSERT, DELETE, and UPDATE records

This text provides a practical survey of both the principles and practice of cryptography and network security.

Learn how to design complex, correct programs and fix problems before writing a single line of code. This book is a practical, comprehensive resource on TLA+ programming with rich, complex examples. Practical TLA+ shows you how to use TLA+ to specify a complex system and test the design itself for bugs. You'll learn how even a short TLA+ spec can find critical bugs. Start by getting your feet wet with an example of TLA+ used in a bank transfer system, to see how it helps you design, test, and build a better application. Then, get some fundamentals of TLA+ operators, logic, functions, PlusCal, models, and concurrency. Along the way you will discover how to organize your blueprints and how to specify distributed systems and eventual consistency. Finally, you'll put what you learn into practice with some working case study applications, applying TLA+ to a wide variety of practical problems: from algorithm performance and data structures to business code and MapReduce. After reading and using this book, you'll have what you need to get started with TLA+ and how to use it in your mission-critical applications. What You'll Learn Read and write TLA+ specs Check specs for broken invariants, race conditions, and liveness bugs Design concurrency and distributed systems Learn how TLA+ can help you with your day-to-day production work Who This Book Is For Those with programming experience who are new to design and to TLA+.

Of all the Ajax-specific frameworks that have popped up in recent years, one clearly stands out as the industrial strength solution. Dojo is not just another JavaScript toolkit—it's the JavaScript toolkit—and Dojo: The Definitive Guide demonstrates how to tame Dojo's extensive library of utilities so that you can build rich and responsive web applications like never before. Dojo founder Alex Russell gives a foreword that explains the "why" of Dojo and of this book. Dojo provides an end-to-end solution for development in the browser, including everything from the core JavaScript library and turnkey widgets to build tools and a testing framework. Its vibrant open source community keeps adding to Dojo's arsenal, and this book provides an ideal companion to Dojo's official documentation. Dojo: the Definitive Guide gives you the most thorough overview of this toolkit available, showing you everything from how to create complex layouts and form controls closely resembling those found in the most advanced desktop applications with stock widgets, to advanced JavaScript idioms to AJAX and advanced communication transports. With this definitive reference you get: Get a concise introduction to Dojo that's good for all 1.x versions Well-explained examples, with scores of tested code samples, that let you see Dojo in action A comprehensive reference to Dojo's standard JavaScript library (including funda-

mental utilities in Base, Dojo's tiny but powerful kernel) that you'll wonder how you ever lived without An extensive look at additional Core features, such as animations, drag-and-drop, back-button handling, animations like wipe and slide, and more Exhaustive coverage of out-of-the-box Dijits (Dojo widgets) as well as definitive coverage on how to create your own, either from scratch or building on existing ones An itemized inventory of DojoX subprojects, the build tools, and the DOH, Dojo's unit-testing framework that you can use with Dojo—or anywhere else If you're a DHTML-toting web developer, you need to read this book—whether you're a one-person operation or part of an organization employing scores of developers. Dojo packs the standard JavaScript library you've always wanted, and Dojo: The Definitive Guide helps you transform your ideas into working applications quickly by leveraging design concepts you already know.

The clinical practice of anesthesia has undergone many advances in the past few years, making this the perfect time for a new state-of-the-art anesthesia textbook for practitioners and trainees. The goal of this book is to provide a modern, clinically focused textbook giving rapid access to comprehensive, succinct knowledge from experts in the field. All clinical topics of relevance to anesthesiology are organized into 29 sections consisting of more than 180 chapters. The print version contains 166 chapters that cover all of the essential clinical topics, while an additional 17 chapters on subjects of interest to the more advanced practitioner can be freely accessed at www.cambridge.org/vacanti. Newer techniques such as ultrasound nerve blocks, robotic surgery and transesophageal echocardiography are included, and numerous illustrations and tables assist the reader in rapidly assimilating key information. This authoritative text is edited by distinguished Harvard Medical School faculty, with contributors from many of the leading academic anesthesiology departments in the United States and an introduction from Dr S. R. Mallampati. This book is your essential companion when preparing for board review and recertification exams and in your daily clinical practice.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. The Principles and Practice of Cryptography and Network Security Stallings' Cryptography and Network Security, Seventh Edition, introduces the reader to the compelling and evolving field of cryptography and network security. In an age of viruses and hackers, electronic eavesdropping, and electronic fraud on a global scale, security is paramount. The purpose of this book is to provide a practical survey of both the principles and practice of cryptography and network security. In the first part of the book, the basic issues to be addressed by a network security capability are explored by providing a tutorial and survey of cryptography and network security technology. The latter part of the book deals with the practice of network security: practical applications that have been implemented and are in use to provide network security. The Seventh Edition streamlines subject matter with new and updated material — including Sage, one of the most important features of the book. Sage is an open-source, multiplatform, freeware package that implements a very powerful, flexible, and easily learned mathematics and computer algebra system. It provides hands-on experience with cryptographic algorithms and supporting homework assignments. With Sage, the reader learns a powerful tool that can be used for virtually any mathematical application. The book also provides an unparalleled degree of support for the reader to ensure a successful learning experience.

Aquaponics is a method of growing fish and vegetables in a simple recirculating system. This book is designed and written to pro-

vide basic information and direction for people interested in building a backyard aquaponics system. It is NOT a "how-to" manual listing parts and with step-by-step procedures, but it's more like a conversation that you might have with a good friend about how he built his system. It is written to be easily understandable and includes lots of pictures and graphics. NOTE: This 5.5"x8.5" version contains the same information as the first edition however the physical size has been substantially reduced.

Interdisciplinary examination of the transmission process of Linear A to Linear B script.

Basic Physiology is an introduction to vertebrate physiology, stressing human physiology at the organ level, and including requisite anatomy integrated with function. One chapter deals solely with topographic anatomy in atlas form and microscopic anatomy of the principal tissues of the body. Additional chapters cover cellular and general physiology; nervous system, muscle; blood and tissue fluids, heart and circulation; respiration, digestion and absorption; intermediary metabolism; energy metabolism; temperature regulation; nutrition; kidney; endocrinology, including hypophysis, reproduction; thyroids, parathyroids, adrenals and pancreas. All concepts are emphasized and well illustrated, and controversial material is omitted. It is written at a level suited to undergraduate students who have had introductory courses in biology, chemistry, and mathematics, and to more advanced students who wish to review the basic concepts of physiology. This volume should be especially useful as a text for departments of biology, zoology, nursing, health, and agricultural sciences that offer courses in vertebrate and human physiology. Basic Physiology is written by seven subject matter specialists who have considerable experience in teaching their specialty to undergraduates studying physiology and biology.

A clear and practical guide to building games in libGDX. This book is great for Indie and existing game developers, as well as those who want to get started with game development using libGDX. Java game knowledge of game development basics is recommended.

In this age of viruses and hackers, of electronic eavesdropping and electronic fraud, security is paramount. This solid, up-to-date tutorial is a comprehensive treatment of cryptography and network security is ideal for self-study. Explores the basic issues to be addressed by a network security capability through a tutorial and survey of cryptography and network security technology. Examines the practice of network security via practical applications that have been implemented and are in use today. Provides a simplified AES (Advanced Encryption Standard) that enables readers to grasp the essentials of AES more easily. Features block cipher modes of operation, including the CMAC mode for authentication and the CCM mode for authenticated encryption. Includes an expanded, updated treatment of intruders and malicious software. A useful reference for system engineers, programmers, system managers, network managers, product marketing personnel, and system support specialists.

This is a practical, project-based guide that will help the reader to build isometric, turn-based games using Starling. If you are an ActionScript developer and want to create cross-platform games with Starling, this book is for you. The FlagDefense game covers some complex topics in game development which are beneficial even for those who are already creating games with Starling. Prior knowledge of Starling will help, but is not necessary.

This comprehensive resource provides readers with the tools necessary to perform analysis of various waveforms for use in radar systems. It provides information about how to produce synthetic aperture (SAR) images by giving a tomographic formulation and implementation for SAR imaging. Tracking filter fundamentals,

and each parameter associated with the filter and how each affects tracking performance are also presented. Various radar cross section measurement techniques are covered, along with waveform selection analysis through the study of the ambiguity function for each particular waveform from simple linear frequency modulation (LFM) waveforms to more complicated coded waveforms. The text includes the Python tool suite, which allows the reader to analyze and predict radar performance for various scenarios and applications. Also provided are MATLAB® scripts corresponding to the Python tools. The software includes a user-friendly graphical user interface (GUI) that provides visualizations of the concepts being covered. Users have full access to both the Python and MATLAB source code to modify for their application. With examples using the tool suite are given at the end of each chapter, this text gives readers a clear understanding of how important target scattering is in areas of target detection, target tracking, pulse integration, and target discrimination.

Is it still WFH when you're now just binary code? Whilst working on a spreadsheet for a New York-based PR firm, Gerald has his consciousness uploaded into his company's Slack channel. He posts for help, but his colleagues assume it's an elaborate joke to exploit the new working-from-home policy, and now that Gerald's productivity is through the roof, his bosses are only too happy to let him work from . . . wherever he says he is. Faced with the looming abyss of a disembodied life online, Gerald enlists co-worker Pradeep to care for his body and Slackbot, the service's AI assistant, to help him navigate his new digital reality. But when Slackbot discovers a world (and an empty body) outside the app, will it hijack a ride into the 'real' world? Meanwhile, Gerald's co-workers are scrambling to stem a company PR catastrophe like no other, their CEO suspects someone is sabotaging his office furniture, and if Gerald gets to work from home all the time, why can't everyone? Hilarious, irreverent, and wholly original, *Several People Are Typing* is the perfect remedy for any idle fingers waiting to doomscroll: a satire of both the virtual office and contemporary life, and a perfect antidote to the way we live #now.

This book evaluates the various evidence-based arguments for the use of compression to treat chronic wounds. It describes the growing health burden caused by these lesions with vast sums spent on wound management and its associated complexities around the world. Since compression is the mainstay of treatment in venous conditions ranging from varicose veins through venous leg ulcers, the authors have also evaluated the use of compression techniques in the successful management of lymphoedema and certain orthopaedic conditions. *Compression and Chronic Wound Management* provides a balanced text on how to apply scientific knowledge to ensure pragmatic clinical practice. It therefore represents an essential resource for residents, specialists and researchers in wound management, whether they are dermatologist, vascular medicine physicians and surgeons, or orthopaedic practitioners.

We are pleased to announce a new series of environmental history readers, suitable for students. Comprising essays selected from our journals, *Environment and History* and *Environmental Values*, each inexpensive paperback volume will address an important theme in environmental history, combining underlying theory and specific case-studies. The first volume, *Bio-invaders*, investigates the rhetoric and realities of exotic, introduced and 'alien' species. The book comprises a number of general essays, exploring and challenging common perceptions about such species, and a series of case studies of specific species in specific contexts. Its geographical coverage ranges from the United Kingdom to New Zealand by way of South Africa, India and Palestine; and the essays cover both historical and recent introductions.

This book offers one of the most comprehensive reviews in the field of gastrointestinal (GI) physiology, guiding readers on a journey through the complete digestive tract, while also highlighting related organs and glandular systems. It is not solely limited to organ system physiology, and related disciplines like anatomy and histology, but also examines the molecular and cellular processes that keep the digestive system running. As such, the book provides extensive information on the molecular, cellular, tissue, organ, and system levels of functions in the GI system. Chapters on the roles of the gut as an endocrine, exocrine and neural organ, as well as its microbiome functions, broaden readers' understanding of the multi-organ networks in the human body. To help illustrate the interconnections between the physiological concepts, principles and clinical presentations, it outlines clinical examples such as pathologies that link basic science with clinical practice in special "clinical correlates" sections. Covering both traditional and contemporary topics, it is a valuable resource for biomedical students, as well as healthcare and scientific professionals.

How-to-Guide of making wargame terrain

There's only one way out. Belle Morte. One of five houses where vampires reside as celebrities and humans are paid to be their living donors. While others came here seeking fortune, I came in search of my sister who walked into Belle Morte five months ago . . . and never walked back out. Now that I'm here, the secrets about this world prove to be much bigger than I ever anticipated. And lurking around every corner are shocking insinuations regarding what happened to my sister. There's only one person who might have the answers I need, and the undeniable pull I feel toward him is terrifying: Edmond Dantès—a vampire, and my mortal enemy. The harder I try to resist him, the further I fall under his spell. And in one instant my life is irrevocably changed. My past becomes prologue and my fate becomes sealed behind these doors. Belle Morte has spoken. And it may never let me go.

The next in Alan Axelrod's engaging and popular CEO series spotlights a perfect subject: Napoleon, the brilliant military strategist who also laid the administrative and judicial foundations for much of Western Europe. Axelrod looks at this much-studied figure in a new way, exploring six areas that constitute the core of what made Napoleon a great leader: Audacity, Vision, Empathy, Strategy, Logistics, and Tactics. Within these areas Axelrod formulates approximately 60 lessons framed in military analogies, valuable for anyone who aspires to leadership, whether in the boardroom or the Oval Office.

Scalable Vector Graphics -- or SVG -- is the new XML-based graphics standard from the W3C that will enable Web documents to be smaller, faster and more interactive. J. David Eisenberg's insightful book takes you through the ins and outs of SVG, beginning with basics needed to create simple line drawings and then moving through more complicated features like filters, transformations, and integration with Java, Perl, and XSLT. Unlike GIFs, JPEGs or PNGs (which are bitmapped), SVG images are both resolution- and device-independent, so that they can scale up or down to fit proportionally into any size display or any Internet device -- from PDAs to large office monitors and high-resolution printers. Smaller than bitmapped files and faster to download, SVG images can be rendered with different CSS styles for each environment. They work well across a range of available bandwidths. SVG makes it possible for designers to escape the constant need to update graphics by hand or use custom code to generate bitmap images. And while SVG was created with the Web in mind, the language has a variety of other uses. SVG greatly simplifies tasks like: Creating web sites whose graphics reflect the content of the page, changing automatically if the content changes Generating graphs and charts from information stored in a wide variety of sources

Exchanging detailed drawings, from architectural plans to CAD layouts to project management diagrams Creating diagrams that users can explore by zooming in and panning around Generating bitmap images for use in older browsers using simple automatable templates Managing graphics that support multiple languages or translations Creating complex animation By focusing sharply on the markup at the foundation of SVG, SVG Essentials gives you a solid base on which to create your own custom tools. Explanations of key technical tools -- like XML, matrix math, and scripting -- are included as appendices, along with a reference to the SVG vocabulary. Whether you're a graphic designer in search of new tools or a programmer dealing with the complex task of creating and managing graphics, SVG Essentials provides you with the means to take advantage of SVG.

Cardiac resynchronization therapy (CRT) is one of the most exciting new advances in the treatment of chronic severe (NYHA symptom class) heart failure associated with dyssynchronous ventricular contraction that is refractory to medical treatment. In all randomized trials CR has resulted in improved NYHA symptom class, exercise capacity and quality

Implement machine learning and deep learning methodologies to build smart, cognitive AI projects using Python Key Features A go-to guide to help you master AI algorithms and concepts 8 real-world projects tackling different challenges in healthcare, e-commerce, and surveillance Use TensorFlow, Keras, and other Python libraries to implement smart AI applications Book Description This book will be a perfect companion if you want to build insightful projects from leading AI domains using Python. The book covers detailed implementation of projects from all the core disciplines of AI. We start by covering the basics of how to create smart systems using machine learning and deep learning techniques. You will assimilate various neural network architectures such as CNN, RNN, LSTM, to solve critical new world challenges. You will learn to train a model to detect diabetic retinopathy conditions in the human eye and create an intelligent system for performing a video-to-text translation. You will use the transfer learning technique in the healthcare domain and implement style transfer using GANs. Later you will learn to build AI-based recommendation systems, a mobile app for sentiment analysis and a powerful chatbot for carrying customer services. You will implement AI techniques in the cybersecurity domain to generate Captchas. Later you will train and build autonomous vehicles to self-drive using reinforcement learning. You will be using libraries from the Python ecosystem such as TensorFlow, Keras and more to bring the core aspects of machine learning, deep learning, and AI. By the end of this book, you will be skilled to build your own smart models for tackling any kind of AI problems without any hassle. What you will learn Build an intelligent machine translation system using seq-2-seq neural translation machines Create AI applications using GAN and deploy smart mobile apps using TensorFlow Translate videos into text using CNN and RNN Implement smart AI Chatbots, and integrate and extend them in several domains Create smart reinforcement, learning-based applications using Q-Learning-Break and generate CAPTCHA using Deep Learning and Adversarial Learning Who this book is for This book is intended for data scientists, machine learning professionals, and deep learning practitioners who are ready to extend their knowledge and potential in AI. If you want to build real-life smart systems to play a crucial role in every complex domain, then this book is what you need. Knowledge of Python programming and a familiarity with basic machine learning and deep learning concepts are expected to help you get the most out of the book

This book functions as a practical guide for the use of simulation in anesthesiology. Divided into five parts, it begins with the histo-

ry of simulation in anesthesiology, its relevant pedagogical principles, and the modes of its employment. Readers are then provided with a comprehensive review of simulation technologies as employed in anesthesiology and are guided on the use of simulation for a variety of learners: undergraduate and graduate medical trainees, practicing anesthesiologists, and allied health providers. Subsequent chapters provide a ‘how-to’ guide for the employ-

ment of simulation across wide range of anesthesiology subspecialties before concluding with a proposed roadmap for the future of translational simulation in healthcare. The Comprehensive Textbook of Healthcare Simulation: Anesthesiology is written and edited by leaders in the field and includes hundreds of high-quality color surgical illustrations and photographs.