Caseware User Guide

The IDEA Workbook for IDEA Version Nine is an in-depth tutorial applying IDEA tests and analyses to audits and investigations in accounts receivable, accounts payable/fraud investigation and inventory. The IDEA tests and analyses increase in complexity, building on the experience learned in earlier sections. Additional sections provide information on topics such as data requirements; designing and printing reports, re-running tasks, managing IDEA use; and provides potential tests for sales transactions, travel expenses, payroll and access controls that could be performed using IDEA. Accompanying CD-ROMs include copies of the IDEA Workbook, the IDEA Education Version, user guides, case study and other applicable data files.
Translation of: Praxishandbuch SAP--Datenarchivierung.
With approximately 44,000 users in the U.S. and Canada, as well as 42,000 in Europe, IDEA software has become a leading provider of data analysis software for use by auditors and accountants. Written to provide users with a quick access guide for optimal use of IDEAScript, Mastering IDEAScript: The Definitive Guide is IDEA's official guide to mastering IDEAScript, covering essential topics such as Introducing IDEAScript, Understanding the Basics of IDEAScript Editor,

Designing Structured Applications, Understanding IDEA Databases and much more. For auditors, accountants and controllers.

Praise for Auditor's Guide to Information Systems Auditing "Auditor's Guide to Information Systems Auditing is the most comprehensive book about auditing that I have ever seen. There is something in this book for everyone. New auditors will find this book to be their bible-reading it will enable them to learn what the role of auditors really is and will convey to them what they must know, understand, and look for when performing audits. For experiencedauditors, this book will serve as a reality check to determine whether they are examining the right issues and whether they are being sufficiently comprehensive in their focus. Richard Cascarino has done a superb job." —E. Eugene Schultz, PhD, CISSP, CISM Chief Technology Officer and Chief Information Security Officer, High Tower Software A step-by-step guide tosuccessful implementation and control of information systems More and more, auditors are being called upon to assess the risks and evaluate the controls over computer information systems in all types of organizations. However, many auditors are unfamiliar with the techniques they need to know to efficiently and effectively determine whether information systems are adequately protected. Auditor's Guide to Information Systems Auditing presents an easy, practical guide for auditors that can be applied to all computing

environments. As networks and enterprise resource planning systems bring resources together, and as increasing privacy violations threaten more organization, information systems integrity becomes more important than ever. With a complimentary student'sversion of the IDEA Data Analysis Software CD, Auditor's Guide to Information Systems Auditing empowers auditors to effectively gauge the adequacy and effectiveness of information systems controls.

This book presents revised full versions of the best papers accepted for the SCM-4 and SCM-5 Workshops on Software Configuration Management, held in connection with the 1994 and 1995 IEEE International Conference on Software Engineering (ICSE). The 22 papers included give a unique overview on and introduction to current software configuration management issues. SCM is the discipline of managing software evolution. It is concerned with controlling evolving software products and supporting teams and activities involved in the development of complex software systems. SCM attracts the attention of SE design and development professionals, of researchers, and of software managers.

Step-by-step guide to successful implementation and control of IT systems—including the Cloud Many auditors are unfamiliar with the techniques they need to know to efficiently and effectively determine whether information

systems are adequately protected. Now in a Second Edition, Auditor's Guide to IT Auditing presents an easy, practical guide for auditors that can be applied to all computing environments. Follows the approach used by the Information System Audit and Control Association's model curriculum, making this book a practical approach to IS auditing Serves as an excellent study guide for those preparing for the CISA and CISM exams Includes discussion of risk evaluation methodologies, new regulations, SOX, privacy, banking, IT governance, CobiT, outsourcing, network management, and the Cloud Includes a link to an education version of IDEA--Data Analysis Software As networks and enterprise resource planning systems bring resources together, and as increasing privacy violations threaten more organization, information systems integrity becomes more important than ever. Auditor's Guide to IT Auditing, Second Edition empowers auditors to effectively gauge the adequacy and effectiveness of information systems controls.

Book & CD. This book is designed primarily for undergraduate and postgraduate students intending to pursue a career in internal auditing, as well as those chartered accountants with a specialist interest in governance and control issues. This book covers the basic concepts, philosophy and principles underlying the practice of internal auditing -- the relationships between the internal auditor, management and the external

auditor. In addition, the student will gain a knowledge and understanding of the nature of an organisation. Risk management and the role of internal auditing in managing organisational risks in the context of current developments in corporate governance in both the public and private sectors are dealt with. The book is now prescribed for those studying for the Certified Internal Auditor professional qualification since it addresses the syllabus requirements of the Institute of Internal Auditors (IIA) and the Standards for the Professional Practice of Internal Auditing and Competency Framework for Internal Auditors. This book represents a practical integrated approach to the Institute of Internal Auditors' recommended internal audit approach, and may be implemented within an internal audit department in a cost-effective manner. Accordingly, the text may be useful as a reference manual for internal audits in practice.

A step-by-step approach for planning and performing an assessment of internal controls Filled with specific guidance for small-business compliance to SEC and PCAOB requirements relating to Sarbanes-Oxley 404, Complying with Sarbanes-Oxley Section 404: A Guide for Small Publicly Held Companies provides you with specific guidance on working with auditors to achieve benefits and cost reductions. This practical guide helps you knowledgeably interpret and conform to Sarbanes-Oxley 404 compliance and features: Clear, jargon-free coverage of the Sarbanes-Oxley Act and how it affects you Links to current guidance online Specific guidance to companies on how to work with auditors to achieve benefits and cost reductions Coverage of IT and IT

general controls Examples and action plans providing blueprints for implementing requirements of the act Easy-to-understand coverage of the requirements of the SEC and PCAOB Discussion of the requirements for assessing internal control effectiveness A look at how the new guidance will reduce your costs In-depth explanations to help professionals understand how best to approach the internal control engagement Practice aids, including forms, checklists, illustrations, diagrams, and tables Continuing to evolve and bring about business and cultural change, this area of auditing and corporate governance is demystified in Complying with Sarbanes-Oxley Section 404: A Guide for Small Publicly Held Companies, your must-have, must-own guide to SOX 404 implementation and an effective tool and reference guide for every corporate manager. Bernd Giezek stellt anschaulich die Grundlagen von Monetary Unit Sampling als statistisches Standardverfahren für Jahresabschlussprüfungen vor und zeigt aktuelle Weiterentwicklungen auf.

A powerful new tool for all forensic accountants, or anyone whoanalyzes data that may have been altered Benford's Law gives the expected patterns of the digits in thenumbers in tabulated data such as town and city populations orMadoff's fictitious portfolio returns. Those digits, in unaltereddata, will not occur in equal proportions; there is a large biastowards the lower digits, so much so that nearly one-half of allnumbers are expected to start with the digits 1 or 2. Thesepatterns were originally discovered by physicist Frank Benford inthe early 1930s, and have since been found to

apply to alltabulated data. Mark J. Nigrini has been a pioneer in applyingBenford's Law to auditing and forensic accounting, even before hisgroundbreaking 1999 Journal of Accountancy article introducing thisuseful tool to the accounting world. In Benford's Law, Nigrinishows the widespread applicability of Benford's Law and itspractical uses to detect fraud, errors, and other anomalies. Explores primary, associated, and advanced tests, all describedwith data sets that include corporate payments data and electiondata Includes ten fraud detection studies, including vendor fraud,payroll fraud, due diligence when purchasing a business, and taxevasion Covers financial statement fraud, with data from Enron, AIG,and companies that were the target of hedge fund short sales Looks at how to detect Ponzi schemes, including data on Madoff,Waxenberg, and more Examines many other applications, from the Clinton tax returnsand the charitable gifts of Lehman Brothers to tax evasion andnumber invention Benford's Law has 250 figures and uses 50 interestingauthentic and fraudulent real-world data sets to explain boththeory and practice, and concludes with an agenda and directionsfor future research. The companion website adds additionalinformation and resources. Improve your audit results and extend your capabilities with Mastering IDEAScript: The Definitive Guide Run audit programs and data analysis projects with ease. Create a local automated audit system. Meet current audit standards. Do it all with Mastering IDEAScript, the official guide from CaseWare IDEA. Designed to help the complete novice develop the skills required to write applications using IDEAScript, this resource

starts with simple topics, progressively working up to more complex areas. It helps you understand what automation can help you do and set reasonable goals for working with IDEAScript. Although basic familiarity with the IDEA program is helpful in the use of this book's concepts, neither programming skills nor special equipment is required. Here, you'll find plain-English, easy-to-follow explanations for: Creating your first IDEAScript application Using the IDEAScript Editor Writing code quickly and efficiently Building complete applications without any code at all, using the Macro Recorder Troubleshooting errors that occur in your application Performing basic tasks, such as indexing, sorting, and closing your database Finding information easily within databases And much more! Along with a companion website containing all of the scripts found in this book, Mastering IDEAScript: The Definitive Guide is packed with practical techniques and rules of thumb to help you understand the workings of IDEAScript. The days of filling in forms and answering countless questions when running audit programs are over. From now on, let IDEAScript do the work! IDEA is a leading provider of data analysis software targeted to auditors to use as a tool for fraud detection and internal control assessment. IDEA® software is used in sixteen languages in more than ninety countries, by major accounting firms, governments, and corporations in all industry sectors, as well as by universities as a teaching tool. IDEA is a registered trademark of CaseWare International Inc.

In the dawning era of Intelligent Computing and Big-data Services, security issues will

be an important consideration in promoting these new technologies into the future. This book presents the proceedings of the 2017 International Conference on Security with Intelligent Computing and Big-data Services, the Workshop on Information and Communication Security Science and Engineering, and the Workshop on Security in Forensics, Medical, and Computing Services and Applications. The topics addressed include: Algorithms and Security Analysis, Cryptanalysis and Detection Systems, IoT and E-commerce Applications, Privacy and Cloud Computing, Information Hiding and Secret Sharing, Network Security and Applications, Digital Forensics and Mobile Systems, Public Key Systems and Data Processing, and Blockchain Applications in Technology. The conference is intended to promote healthy exchanges between researchers and industry practitioners regarding advances in the state of art of these security issues. The proceedings not only highlight novel and interesting ideas, but will also stimulate interesting discussions and inspire new research directions. Designed to facilitate the use of audit data analytics (ADAs) in the financial statement audit, this title was developed by leading experts across the profession and academia. The guide defines audit data analytics as "the science and art of discovering and analyzing patterns, identifying anomalies, and extracting other useful information in data underlying or related to the subject matter of an audit through analysis, modeling, and visualization for planning or performing the audit." Simply put, ADAs can be used to perform a variety of procedures to gather audit evidence. Each chapter focuses on

an audit area and includes step-by-step guidance illustrating how ADAs can be used throughout the financial statement audit. Suggested considerations for assessing the reliability of data are also included in a separate appendix.

Improve your audit results and extend your capabilities with Mastering IDEAScript: The Definitive Guide Run audit programs and data analysis projects with ease. Create a local automated audit system. Meet current audit standards. Do it all with Mastering IDEAScript, the official guide from CaseWare IDEA®. Designed to help the complete novice develop the skills required to write applications using IDEAScript, this resource starts with simple topics, progressively working up to more complex areas. It helps you understand what automation can help you do and set reasonable goals for working with IDEAScript. Although basic familiarity with the IDEA® program is helpful in the use of this book's concepts, neither programming skills nor special equipment is required. Here, you'll find plain-English, easy-to-follow explanations for: Creating your first IDEAScript application Using the IDEAScript Editor Writing code quickly and efficiently Building complete applications without any code at all, using the Macro Recorder Troubleshooting errors that occur in your application Performing basic tasks, such as indexing, sorting, and closing your database Finding information easily within databases And much more! Along with a companion website containing all of the scripts found in this book, Mastering IDEAScript: The Definitive Guide is packed with practical techniques and rules of thumb to help you understand the workings of

IDEAScript. The days of filling in forms and answering countless questions when running audit programs are over. From now on, let IDEAScript do the work! IDEA® is a leading provider of data analysis software targeted to auditors to use as a tool for fraud detection and internal control assessment. IDEA® software is used in sixteen languages in more than ninety countries, by major accounting firms, governments, and corporations in all industry sectors, as well as by universities as a teaching tool. IDEA® is a registered trademark of CaseWare International Inc.

Detect fraud faster—no matter how well hidden—withIDEA automation Fraud and Fraud Detection takes an advanced approach tofraud management, providing step-by-step guidance on automatingdetection and forensics using CaseWare's IDEA software. The bookbegins by reviewing the major types of fraud, then details thespecific computerized tests that can detect them. Readers willlearn to use complex data analysis techniques, including automationscripts, allowing easier and more sensitive detection of anomaliesthat require further review. The companion website provides accessto a demo version of IDEA, along with sample scripts that allowreaders to immediately test the procedures from the book. Business systems' electronic databases have grown tremendouslywith the rise of big data, and will continue to increase atsignificant rates. Fraudulent transactions are easily hidden inthese enormous datasets, but Fraud and Fraud Detection helpsreaders gain the data analytics skills that can bring theseanomalies to light. Step-by-step instruction and practical adviceprovide the

specific abilities that will enhance the audit andinvestigation process. Readers will learn to: Understand the different areas of fraud and their specificdetection methods Identify anomalies and risk areas using computerizedtechniques Develop a step-by-step plan for detecting fraud through dataanalytics Utilize IDEA software to automate detection and identificationprocedures The delineation of detection techniques for each type of fraudmakes this book a must-have for students and new fraud preventionprofessionals, and the step-by-step guidance to automation andcomplex analytics will prove useful for even experienced examiners.With datasets growing exponentially, increasing both the speed andsensitivity of detection helps fraud professionals stay ahead ofthe game. Fraud and Fraud Detection is a guide to moreefficient, more effective fraud identification.

There are many webinars and training courses on Data Analytics for Internal Auditors, but no handbook written from the practitioner's viewpoint covering not only the need and the theory, but a practical hands-on approach to conducting Data Analytics. The spread of IT systems makes it necessary that auditors as well as management have the ability to examine high volumes of data and transactions to determine patterns and trends. The increasing need to continuously monitor and audit IT systems has created an imperative for the effective use of appropriate data mining tools. This book takes an auditor from a zero base to an ability to professionally analyze corporate data seeking anomalies.

The only IT guide you need You're busy-very busy. You need reliable, practical answers to yourIT questions, and you need them now. The Vest Pocket Guide toInformation Technology, Second Edition is a handy pocketproblem-solver designed to provide you with the quickest route to asolution. Practical, reader-friendly, and thoroughly illustrated,this updated handbook provides complete guidance for the complex,ever-changing world of IT to help you quickly pinpoint what youneed to look for, what to watch out for, what to do, and how to doit. Written by two all-time bestselling accounting and finance authors,Jae Shim and Joel Siegel, this thoroughly updated Second Editionincludes tables, forms, checklists, questionnaires, practical tips,and sample reports to help you avoid and resolve any and all ITdilemmas. A must-read for business professionals, financialmanagers and consultants, production and operation managers,accountants, COOs, CFOs, and CEOs, this handy guide helpsyou: * Select the best hardware for particular applicationneedsStrategically use IT systems * Use the best software in planning and control * Select Sarbanes-Oxley compliance software * Prevent fraud through computerized security * Effectively apply Management Information Systems (MIS) * Use online databases to make business decisions * Use a decision support system (DSS) and an executive informationsystem (EIS) to improve the quality of analysis, evaluation, anddecision making * Understand emerging trends and developments in informationtechnology * Harness marketing information systems to improve sales planning,sales forecasting, market research, and advertising *

Evaluate and manage an IT project Your professional success depends on keeping abreast of the latestthinking and applications in information technology. The VestPocket Guide to Information Technology, Second Edition gives youall the information you need to make optimum decisions now and planahead for later.

This joint-authored book brings together approximately 50 current research methods developed and implemented in research laboratories in Europe to study pesticide/soil interactions. Its usefulness for researchers, teachers and professionals concerned by the environmental impact of pesticides was one of the major elements taken into consideration when structuring this book. It will be a valuable asset to chemists, physical chemists, biochemists, biologists and geologists interested in studying the behaviour of pesticides in soils.

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network. Explores the Supreme Court's role as the ultimate authority and interpreter of constitutional law, provides a close-up look at some landmark cases, and offers reflections on the court appointees, and various legal issues.

Process automation provides a means to integrate people in a software development organization with the development process and the tools supporting that development.

This new technology may significantly improve software quality and development productivity. However, as yet there is little practical experience in its day-to-day use. This book is for those who wish to explore the technology or are considering its adoption. The monograph discusses the underlying concepts, reviews in some detail two of the major process automation products, relates process automation to process improvement, and provides adoption guidelines. Special emphasis is on the process modeling language ProNet which is commercially available. The book is enriched by numerous examples, tables, and technical appendices.

Detect fraud faster—no matter how well hidden—with IDEA automation Fraud and Fraud Detection takes an advanced approach to fraud management, providing step-by-step guidance on automating detection and forensics using CaseWare's IDEA software. The book begins by reviewing the major types of fraud, then details the specific computerized tests that can detect them. Readers will learn to use complex data analysis techniques, including automation scripts, allowing easier and more sensitive detection of anomalies that require further review. The companion website provides access to a demo version of IDEA, along with sample scripts that allow readers to immediately test the procedures from the book. Business systems' electronic databases have grown tremendously with the rise of big data, and will continue to increase at significant rates. Fraudulent transactions are easily hidden in these enormous datasets, but Fraud and Fraud Detection helps readers gain the data analytics skills that can

bring these anomalies to light. Step-by-step instruction and practical advice provide the specific abilities that will enhance the audit and investigation process. Readers will learn to: Understand the different areas of fraud and their specific detection methods Identify anomalies and risk areas using computerized techniques Develop a step-by-step plan for detecting fraud through data analytics Utilize IDEA software to automate detection and identification procedures The delineation of detection techniques for each type of fraud makes this book a must-have for students and new fraud prevention professionals, and the step-by-step guidance to automation and complex analytics will prove useful for even experienced examiners. With datasets growing exponentially, increasing both the speed and sensitivity of detection helps fraud professionals stay ahead of the game. Fraud and Fraud Detection is a guide to more efficient, more effective fraud identification.

Essential guidance for the financial auditor in need of aworking knowledge of IT If you're a financial auditor needing working knowledge of ITand application controls, Automated Auditing FinancialApplications for Small and Mid-Sized Businesses provides youwith the guidance you need. Conceptual overviews of key IT auditingissues are included, as well as concrete hands-on tips andtechniques. Inside, you'll find background and guidance withappropriate reference to material published by ISACA, AICPA,organized to show the increasing complexity of systems, startingwith general principles and progressing through greater levels offunctionality. Provides

straightforward IT guidance to financial auditorsseeking to develop quality and efficacy of software controls Offers small- and middle-market business auditors relevant ITcoverage Covers relevant applications, including MS Excel, Quickbooks,and report writers Written for financial auditors practicing in the small tomidsized business space The largest market segment in the United States in quantity andscope is the small and middle market business, which continues tobe the source of economic growth and expansion. Uniquely focused onthe IT needs of auditors serving the small to medium sizedbusiness, Automated Auditing Financial Applications for Smalland Mid-Sized Businesses delivers the kind of IT coverage youneed for your organization.

Also cited as GPO Style Manual. Issued by the Public Printer under authority of Section 1105 of Title 44, United States Code. Designed to achieve uniform word and type treatment and economy of word use in the form and style of Government printing.

Forensic Accounting and Fraud Examination introduces students and professionals to the world of fraud detection and deterrence, providing a solid foundation in core concepts and methods for both public and private sector environments. Aligned with the National Institute of Justice (NIJ) model curriculum, this text provides comprehensive and up-to-date coverage of asset misappropriation, corruption, fraud, and other topics a practicing forensic accountant encounters on a daily basis. A focus on real-world practicality employs current examples and engaging case studies to reinforce comprehension, while in-depth discussions clarify technical concepts in an easily relatable style. End of chapter material and integrated IDEA and Tableau software cases introduces students to the powerful, user-friendly tools accounting

professionals use to maximize auditing and analytic capabilities, detect fraud, and comply with documentation requirements, and coverage of current methods and best practices provides immediate relevancy to real-world scenarios. Amidst increased demand for forensic accounting skills, even for entry-level accountants, this text equips students with the knowledge and skills they need to successfully engage in the field.

Become the forensic analytics expert in your organization using effective and efficient data analysis tests to find anomalies, biases, and potential fraud—the updated new edition Forensic Analytics reviews the methods and techniques that forensic accountants can use to detect intentional and unintentional errors, fraud, and biases. This updated second edition shows accountants and auditors how analyzing their corporate or public sector data can highlight transactions, balances, or subsets of transactions or balances in need of attention. These tests are made up of a set of initial high-level overview tests followed by a series of more focused tests. These focused tests use a variety of quantitative methods including Benford's Law, outlier detection, the detection of duplicates, a comparison to benchmarks, time-series methods, risk-scoring, and sometimes simply statistical logic. The tests in the new edition include the newly developed vector variation score that quantifies the change in an array of data from one period to the next. The goals of the tests are to either produce a small sample of suspicious transactions, a small set of transaction groups, or a risk score related to individual transactions or a group of items. The new edition includes over two hundred figures. Each chapter, where applicable, includes one or more cases showing how the tests under discussion could have detected the fraud or anomalies. The new edition also includes two chapters each describing multi-million-dollar fraud schemes and the insights that can be

learned from those examples. These interesting real-world examples help to make the text accessible and understandable for accounting professionals and accounting students without rigorous backgrounds in mathematics and statistics. Emphasizing practical applications, the new edition shows how to use either Excel or Access to run these analytics tests. The book also has some coverage on using Minitab, IDEA, R, and Tableau to run forensic-focused tests. The use of SAS and Power BI rounds out the software coverage. The software screenshots use the latest versions of the software available at the time of writing. This authoritative book: Describes the use of statistically-based techniques including Benford's Law, descriptive statistics, and the vector variation score to detect errors and anomalies Shows how to run most of the tests in Access and Excel, and other data analysis software packages for a small sample of the tests Applies the tests under review in each chapter to the same purchasing card data from a government entity Includes interesting cases studies throughout that are linked to the tests being reviewed. Includes two comprehensive case studies where data analytics could have detected the frauds before they reached multi-million-dollar levels Includes a continually-updated companion website with the data sets used in the chapters, the queries used in the chapters, extra coverage of some topics or cases, end of chapter questions, and end of chapter cases. Written by a prominent educator and researcher in forensic accounting and auditing, the new edition of Forensic Analytics: Methods and Techniques for Forensic Accounting Investigations is an essential resource for forensic accountants, auditors, comptrollers, fraud investigators, and graduate students.
Whether you're a new or seasoned accountant, it's time for a PCRE refresher. Issued by the Accounting and Review Services Committee (ARSC), this edition contains the latest

developments in performing preparation, compilation and review engagements. You'll find ARCS's best advice on: Recently issued Statement on Standards for Accounting and Review Services (SSARS) No. 22, Compilation of Pro Forma Financial Information, SSARS No. 23, Omnibus Statement on Standards for Accounting and Review Services, 2016, and SSARS No. 24, Omnibus Statement on Standards for Accounting and Review Services, 2018 In addition, enhanced updates and illustrative accountant's reports, plus coverage of international reporting issues are provided--including SSARS No. 24, which is effective on or after June 15, 2019. The second edition includes new and expanded chapters that show accountants, auditors and finance professionals how to cut down on their research time and increase billable hours. Written by a CPA in a language all accountants can understand it aims to enable the reader to cheaply and effectively market professional services electronically.
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