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# Idiots Guide To Information Technology

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Comprehending as with ease as deal even more than new will provide each success. next to, the broadcast as skillfully as sharpness of this Idiots Guide To Information Technology can be taken as skillfully as picked to act.



*The Complete Idiot's Guide to Knowledge Management* Penguin Computer hacking is an extremely powerful skill to have. This book focuses on ethical hacking - also known as white hat hacking. Inside, you will learn the basics of hacking for beginners. This includes the different types of hacking, the reasons behind hacking, jobs in the hacking world, how to do some basic hacks, and the skills a hacker requires. Many hackers are hired by companies to ensure that their computer systems are safe. There is high paying

ethical work available in the hacking world, and this book will serve as an introduction to getting you there. While becoming a master at hacking can take many years and lots of expensive software, this book will introduce you to the amazing world of hacking, and open your eyes up to what is possible! Here Is What You'll Learn About... What Is Ethical Hacking Hacking Basics Types Of Hacking Hacking Software How Passwords Are Cracked How To Hack Wifi Network Hacking Basics Much, Much More! [The Complete Idiot's Guide to Programming Basics](#) John Wiley & Sons A solid introduction to the practices, plans, and skills required for developing a smart system architecture Information architecture combines IT skills with business skills in order to align the IT structure of an organization with the mission, goals, and objectives of its business. This friendly introduction to IT architecture walks you through the myriad issues and complex decisions that many organizations face when setting up IT systems to work in sync with business procedures. Veteran IT professional and author Kirk Hausman explains the business value behind IT architecture and provides you with an action plan for implementing IT architecture procedures in an organization. You'll explore the many challenges that organizations face as they attempt to use technology to enhance their business's productivity so that you can gain a solid understanding of the elements that are required to plan and create an architecture that meets specific business goals. Defines IT architecture as a blend of IT skills and business skills that focuses on business optimization, business architecture, performance management, and organizational structure Uncovers and examines every topic within IT architecture including network, system, data, services, application, and more Addresses the challenges that organizations face when attempting to use information technology to enable profitability

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and business continuity. While companies look to technology more than ever to enhance productivity, you should look to IT Architecture For Dummies for guidance in this field.

Hacking The Complete Idiot's Guide to Using Your

Computer—for Seniors The Easiest Way to Get What You Want from Your Computer

Provides information on upgrading computer memory, increasing speed, adding multimedia equipment, and fixing common problems.

Computer Networking Beginners Guide Penguin

The third edition of Fundamentals of Information Technology is a 'must have' book not only for BCA and MBA students, but also for all those who want to strengthen their knowledge of computers. The additional chapter on MS Office is a comprehensive study on MS Word, MS Excel and other components of the package. This book is packed with expert advice from eminent IT professionals, in-depth analyses and practical examples. It presents a detailed functioning of hardware components besides covering the software concepts. A broad overview of Computer architecture, Data representation in the computer, Operating systems, Database management systems, Programming languages, etc., has also been included. An additional chapter on Mobile Computing and other state-of-the-art innovations in the IT world have been incorporated. Not only that, the latest Internet technologies have also been covered in detail. One should use this book to acquire

computer literacy in terms of how data is represented in a computer, how hardware devices are integrated to get the desired results, how the computer can be networked for interchanging data and establishing communication. Each chapter is followed by a number of review questions.

*The Complete Idiot's Guide to Using Your Computer—for Seniors* Lulu.com

Samuel Castro - CyberSecurity Crash Course TITLE: Beginners guide to Hacking and Cyber Security

(Comprehensive introduction to Cyber Law and White hat Operations): Written by former Army Cyber Security ... Agent (Information Technology Book 1) KEY

FEATURES: ?WELCOME: to the first and only book you will ever need on the topic of Cyber Law and Cyber Security. Learn Hacking Techniques, Cyber Law, and white hat operations. ?PERFECT FOR BEGINNERS: if you're brand new or an expert in cyber security you'll still find this guide a solid purchase to add to your skillset, develop new skills and techniques or revamp old ones and

sharpen yourself with cyber security and cyber law. ?IRONCLAD YOUR SECURITY IN MOMENTS: Technology is strongly installed in our daily lives from our phones, computers even our TVs, learning how to protect what's yours and your precious data or identity couldn't be more vital, in your new cyber security guide you'll learn everything you need to ironclad your security and defend what's yours effortlessly. ?THE ONLY GUIDE YOU'LL NEED: This is the only guide you'll ever need to learn the latest in cyber security and law, search and seizure as well as hacking techniques used by white and black hackers alike. Sharpen your knowledge or build up your skill set from scratch this is also a great guide for CompTIA Security + and EC Council CEH exams. ?AUTHORS GUARANTEE: Your purchase is backed by the authors guarantee, you'll find the techniques in this book helpful and easy to implement in enhancing your knowledge and security! \*\*\*Beginners Guide To hacking & Cyber Security \*\*\* Learn to

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protect what's yours and enhance your cybersecurity knowledge in moments... ?Easy To Implement... Easy to implement black hat and white hat strategies. ?Military Grade Knowledge Of Cyber Security & Law... military grade knowledge passed down into an easy to understand format, sharpen your knowledge or pickup new skills. ?The Only Guide You'll Need... Perfect for the beginner or ace this guide has everything you'll need to get you started on cyber security and law and implement powerful strategies - also perfect for classroom use. So What're You Waiting For? Guard what's yours today and click "Buy Now"! About The Author: Samuel Castro is a cyber security and law pro dedicated to helping individuals guard their data, identity and files in an ever increasingly digital world. Trained by the US Army in cyber security & law techniques Samuel has the know how and strategies easily learned inside to understand and protect what's yours. Behold a brief but informative

introductory approach to Cyber Security. In these pages you will learn the ins and outs of Cyber Security, Cyber Law, Modern Network Penetration Techniques (hacking tools), Certification Information and more. Additionally, every purchase of this book will serve to support the Wounded Warrior Project. Learn the latest in Cyber Law, Search and seizure as well as hacking techniques used by white and black hat hackers alive. Also, a useful supplemental study guide in Preparation for the CompTIA Security + and EC Council CEH exams. Warning: The author takes no responsibility for legal ramifications that result from the application of any of the information found within this text. The penetration testing techniques outlined in this book are intended solely for proof of concept. [Collection Of Three Books For Computer Networking: First Steps, Course and Beginners Guide. \(All in One\)](#) Penguin Do you want to find out how a computer network works? Do you want to know how to keep your

network safe? This book is all you need! Computers and the internet have changed this world and our lifestyle forever. We just need to touch a small button and within a fraction of a second, we can do almost anything! The major factor that lies behind this advanced technology is none other than computer network. That's why it's important to know how it works! Computers need to be connected to share resources and accomplish goals but, building these networks, requires a lot of skill: addresses must be set and approved, connections need to be sure. Whether it's the local area network for your company or the wired network in your home, this book gives you the right knowledge to get it started. In particular, you will learn: **BOOK 1: NETWORKING FOR BEGINNERS** Networking Basics - Types of computer networks and network topologies Network Hardware - The different network components (routers, hubs, switches, etc.). Network Cabling - The different cabling standards

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(coaxial, fiber optic cable, twisted-pair copper cable, etc.). Wireless Networking - Fundamental technicalities of wireless technology, how to set up and configure a computer for wireless connectivity. IP Addressing - Basics of IP addressing, and the different number systems (binary, decimal, and hexadecimal). IP Subnetting - Introduction to concepts of subnetting. Network Protocols - Various protocols of the TCP/IP suite. Internet Essentials - Different terminologies regarding the Internet, the worldwide web, and the history of the Internet. Virtualization in cloud computing - Concept of virtualization and cloud services. Network Troubleshooting - Effective network management must address all issues pertaining to hardware, administration and end-user support, software, data management. BOOK 2: COMPUTER NETWORKING BEGINNERS GUIDE Introduction to Computer Networking - Components and classifications of computer networks. The Basics of Network Design - How to configure a LAN,

network features, and various responsibilities of network users. Wireless Communication Systems - How a computer network can be optimized, how to enjoy the benefits of Wi-Fi technology, an introduction to CISCO Certification Guide. Network Security - The most common computer network threats and fundamental guidelines on how to steer clear of such menaces. Hacking Network - Basics of hacking in computer networking, definitions, different methods of cybercrime, and an introduction to ethical hacking. Different Hacking Methods - The concept of social engineering and various hacking methods that could put your computer at risk, such as malware, keylogger, trojan horses, ransomware, etc. Working on a DoS attack - What is and how works one of the attacks that a hacker is likely to use to help get into their target's computer. Keeping Your Information Safe - How to keep our wireless network safe and some of the things that a hacker can potentially do. *Fundamentals of Information*

*Technology* Packt Publishing Ltd  
The first time I heard the term "computer crash," I started worrying about the challenge of mastering these machines. Frankly I had all the gear but little or no idea on how to even get started. With no accelerator, no brake, not even a steering wheel, how was I going to control and do something useful with this computer? It doesn't have to be that way as long as you have the proper instruction. Get your first computer driving lessons from Computers For Seniors For Dummies. The For Dummies team is known for making even the most difficult subjects easy - and fun - to master. In this book, you find the ideal road map for finding your way around a personal computer, your PC (learnt something new already!) for the first time. Using Computers For Seniors For Dummies, you discover how to set up and fine tune your PC. You find out how to use Windows Vista - the petrol for your machine. Then the fun really begins! You can surf the vast world of the Internet to do anything from catching up on the latest news to finding out about a new hobby. (Be sure to visit me at [www.stirlingmoss.com](http://www.stirlingmoss.com)!) You can put your photos on the computer and share them with friends and family. You can play games. You can play music. You can shop for anything and everything under the sun. You can send greetings and gifts and join in

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online discussions. You can plan your vacations and print maps to your destination so you can get there without a wrong turn! And if you run into trouble, Computers For Seniors For Dummies has a repair shop - a section on working out and fixing the problem. Computers open up a great world of possibilities. You should be a part of it. With Computers For Seniors For Dummies, you have the power to participate in that world. If I can learn to drive a computer, although I still have my "L" plates on, so can you! Lose your fear and take control of your new machine with Computers For Seniors For Dummies - the book that is easy and fun to use and prepared especially for you. *4 Books in 1. A Complete Beginners Guide To Learn The Fundamentals Of JavaScript, Python, SQL & Java.* John Wiley & Sons

How to Become a Hacker Computer Hacking Beginners Guide The term "hacker" today has garnered a negative connotation. You've heard about hackers breaking into computer systems and looking at or even stealing some very sensitive and very private information. Millions of computer users worldwide have felt the effects of hacking activity. That includes virus attacks, spyware, and other forms of malware that slow down, break into, or even cripple

your computer system. However, not all hackers are dubious and unscrupulous souls who have nothing better to do in life. In fact, the term "hacker" originally had a very positive and beneficial meaning to it. Traditionally, a hacker is someone who likes to tinker with computers and other forms of electronics. They enjoy figuring out how current systems work and find ways to improve them. In other words, he used to be the guy who had to figure out how to make computers faster and better. Nowadays, a hacker is just someone who steals electronic information for their own self-interest. Nevertheless, there are still good hackers (white hat hackers) and bad hackers (black hat hackers). It basically takes a hacker to catch a hacker and the good news is that a lot of them are on your side of the playing field. The premise of this book is to help you learn the basics of ethical hacking (the stuff that white hat hackers do). But in order to know what to look out for, you will have to catch a glimpse of what black hat hackers do. The bottom line here is that hacking is no more than a set of computer skills that can be used for either good or bad. How one uses those skills will clearly define whether one is a

white hat or a black hat hacker. The skills and tools are always neutral; only when they are used for malicious purposes do they take a turn for the worse. What are the Objectives of Ethical Hacking? If hacking per se today is bent on stealing valuable information, ethical hacking on the other hand is used to identify possible weak points in your computer system or network and making them secure before the bad guys (aka the black hat hackers) use them against you. It's the objective of white hat hackers or ethical hackers to do security checks and keep everything secure. That is also the reason why some professional white hat hackers are called penetration testing specialists. One rule of thumb to help distinguish penetration testing versus malicious hacking is that white hat hackers have the permission of the system's owner to try and break their security. In the process, if the penetration testing is successful, the owner of the system will end up with a more secure computer system or network system. After all the penetration testing is completed, the ethical hacker, the one who's

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doing the legal hacking, will recommend security solutions and may even help implement them. It is the goal of ethical hackers to hack into a system (the one where they were permitted and hired to hack, specifically by the system's owner) but they should do so in a non-destructive way. This means that even though they did hack into the system, they should not tamper with the system's operations. Part of their goal is to discover as much vulnerability as they can. They should also be able to enumerate them and report back to the owner of the system that they hacked. It is also their job to improve each piece of vulnerability they discover. This may entail a demonstration or any other kind of evidence that they can present. Ethical hackers often report to the owner of the system or at least to the part of a company's management that is responsible for system security. They work hand in hand with the company to keep the integrity of their computer systems and data. Their final goal is to have the results of their efforts implemented and make the system better secured.

Penguin

You're no idiot, of course. You know that knowledge is power. However, teamwork is the key in today's new corporate

economy, and keeping things to yourself won't benefit you or your company. But you don't have to reinvent the wheel!

'The Complete Idiot's Guide to Knowledge Management' will show you exactly how to share information among your peers to help your company achieve greater success! In this 'Complete Idiot's Guide', you get: -Basic knowledge management models and concepts. -Step-by-step instructions on implementing the concept within your company and group.

-Strategies for knowledge sharing. -The fundamentals of trying a pilot program. -How information technology relates to knowledge management. -The importance of culture in the program.

### **A Beginners Guide to Computer Hacking, How to Hack, Internet Skills, Hacking Techniques, and More!**

John Wiley & Sons  
Get to grips with the building blocks of programming languages and get started on your programming journey without a computer science degree  
**Key Features**  
Understand the fundamentals of a computer program and apply the concepts you learn to different programming languages  
Gain the confidence to write your first computer program  
Explore tips, techniques, and best practices to start coding like a professional programmer  
**Book Description**  
Learning how to code has many advantages, and gaining the right programming skills can have a

massive impact on what you can do with your current skill set and the way you advance in your career. This book will be your guide to learning computer programming easily, helping you overcome the difficulties in understanding the major constructs in any mainstream programming language. Computer Programming for Absolute Beginners starts by taking you through the building blocks of any programming language with thorough explanations and relevant examples in pseudocode. You'll understand the relationship between computer programs and programming languages and how code is executed on the computer. The book then focuses on the different types of applications that you can create with your programming knowledge. You'll delve into programming constructs, learning all about statements, operators, variables, and data types. As you advance, you'll see how to control the flow of your programs using control structures and reuse your code using functions. Finally, you'll explore best practices that will help you write code like a pro. By the end of this book, you'll be prepared to learn any programming language and take control of your career by adding coding to your skill set. What you will learn  
Get to grips with basic programming language concepts such as variables, loops, selection and functions  
Understand what a program is and how the computer executes it  
Explore

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different programming languages and learn about the relationship between source code and executable code Solve problems using various paradigms such as procedural programming, object oriented programming, and functional programming Write high-quality code using several coding conventions and best practices Become well-versed with how to track and fix bugs in your programs Who this book is for This book is for beginners who have never programmed before and are looking to enter the world of programming. This includes anyone who is about to start studying programming and wants a head start, or simply wants to learn how to program on their own.

### Computers For Seniors For Dummies

ReadHowYouWant.com The fifth edition of The Complete Idiot's Guide to Computer Basics places the reader in charge of the computer, rather than the other way round, and places the focus on software troubleshooting rather than hardware techno-babble. The reader wants to do something practical with his or her computer - this book shows them how. It covers basic office programs and how to manage photo, video and music files. It offers advice on safe web-surfing,

including coverage of newsgroups, message boards and mailing lists. There are new green computing initiatives that help protect the environment. It includes maintenance and upgrading information. The Complete Idiot's Guide to Computer Security Createspace Independent Publishing Platform Shows tech hobbyists how to build the perfect PC, whether they want to create the ultimate gaming machine or combine new and recycled parts to construct an inexpensive computer for a child The do-it-yourself craze is sweeping through the tech community, and this guide is now significantly revised and updated to cover the wide array of new hardware and accessories available Step-by-step instructions and dozens of photos walk first-time computer builders through the entire process, from building the foundation, and adding a processor and RAM, to installing a video card, configuring a hard drive, hooking up CD and DVD drives, adding a modem, and troubleshooting problems The Complete Idiot's Guide to Computer Basics, 5th Edition For Dummies Are you ready to chart a new course in your programming career? Are you ready but don't know

where to begin? Do not worry, because these books give you the fundamentals of programming languages. This guide is what you need to learn to program easily and quickly from an expert with over 10+ years' experience. All you need is a bit of patience and planning. The books cover topics such as: The Complete Introduction Guide for Learning the Basics of C, C#, C++, SQL, JAVA, JAVASCRIPT, PHP, and PYTHON The concepts of different programming languages Variables of the different programming language Where the language is applicable in our today world What are the things you need to know about artificial intelligence? How you can start with machine learning and Why you need to understand the fundamentals; the jars of machine learning and how many they are; what the roadmaps to machine learning are What the types of machine learning are, and what their impacts are to amplify various elements of business operations In addition a book explains

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Python in detail with the help of detailed coding examples that are usually not available in Python beginner-level books and that will make your journey easier. Python is a robust programming language and supports both functional and object-oriented concepts. We took a lot of care and we tried to explain a lot of concepts that are important for the success of an entry-level programmer. Along with all these basic concepts, we have tried to give some practical examples which can help the reader understand the concepts better. We will discuss in detail the best parts of the book: Brief history of Python and different development environments available Detailed reading about conditionals and loops along with programming code Functions, modules, and object-oriented programming in detail The books are well arranged for easy understanding. Don't forget to brush up your knowledge by going through the exercise pages. So what are you waiting for? Let the programming begin! Invest

in your future! Click the "Buy Now" button at the top of this page and get your copy of "Computer Programming for Beginners" now!

**Written by Former Army Cyber Security Analyst and Federal Agent** Penguin

Providing extensive instructions and tips on various wireless devices, this text covers several tools and focuses on several task-oriented explanations for each highlighted device (for example, sending or beaming data between a PC and a PDA).

**The Complete Idiot's Guide to Knowledge Management** Penguin

Learn and understand how you can perform a wide range of tasks on your new Windows computer, including managing files, browsing the internet, and protecting yourself, as well as interacting with Cortana. Using Absolute Beginners Guide to Computing you will see how to use Windows, and how you can connect and communicate with others. You will learn the basics of browsing the web, how to send email, and sign up for services. You will learn about some of the social media sites such as Facebook and Twitter. You will also learn how to connect and use external hardware, and process digital music, photos, and

video. Written by an author who has written multiple computing titles, this book is friendly and approachable, and can teach anyone how to use a computer. With simple steps, easy troubleshooting, and online resources, it's the best place to learn how to make computing a part of your life. What You'll Learn: Get pictures onto your computer to share Listen to digital music What clubs, groups, and other resources there are to help Who this Book Is For Anyone that wants to learn all the latest Windows features. Beginners who want to use their new Windows computer to share pictures or video clips on YouTube or Facebook to those seeking a common sense approach to safe computing.

*Computer Networking* Penguin

If you are a beginner and have no idea what the Computer Programming is all about, then the book Computer Programming for Beginners is what you have been waiting for. This book provides a clear understanding of what the Computer Programming entails, especially providing know-how for beginners. At first glance, the words "computer programming" might worry you, especially when described as an



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"extremely complex designing and building process." However, fear not, because computer programming can be done by anyone - even beginners. Programming has existed for centuries with programmable devices, perhaps as early as the 9th-century! It was here when a programmable music sequencer was invented. Following that was a programmable drum machine and other forms of musical instruments. It wasn't until the year 1843 when the first Computer Program was invented by Ada Lovelace, a mathematician who created an algorithm for this. The concept of storing data in machine-readable form arose in the 1880s when Herman Hollerith invented it. These were the foundations that led to Computer Programming as we know it today. With so many struggling to grasp the concept, we devised the perfect computer programming guide for beginners to take the first step towards becoming a Computer Programming expert. We are in a technological age, after all, where computers are an essential part of life. Regardless of your experience level, anyone can read and implement this computer programming

guide. Whether you are planning on making a career out of it or you just want a new hobby, you can enjoy this series of books, no matter your goals. What You Will Discover & Learn: ? A beginner's approach to learning computer programming ? Javascript & Java - essential programming languages ? Python programming - general-purpose & high-level programming language ? SQL programming - used to communicate with + manipulate databases ? How to accurately program for successful computer tasking ? Easy-to-understand, clear instructions for a seamless user experience ? How to implement what you have learned into developing computer programs/software And much more. Included with your purchase is a collection of 4 books that will help guide you through all of the necessary fundamentals of Computer Programming. No previous skills are required, even if you haven't written one line of code before. This collection was written specifically for those who are just starting, so you can feel comfortable trying out something new and unfamiliar without the need of any pre-qualifications. Scroll up and push the buy now button!

**Learning to Scratch**

Apress

Step into the future with AI The term "Artificial Intelligence" has been around since the 1950s, but a lot has changed since then. Today, AI is referenced in the news, books, movies, and TV shows, and the exact definition is often misinterpreted. Artificial Intelligence For Dummies provides a clear introduction to AI and how it's being used today. Inside, you'll get a clear overview of the technology, the common misconceptions surrounding it, and a fascinating look at its applications in everything from self-driving cars and drones to its contributions in the medical field. Learn about what AI has contributed to society Explore uses for AI in computer applications Discover the limits of what AI can do Find out about the history of AI The world of AI is fascinating—and this hands-on guide makes it more accessible than ever!

**Networking For Dummies** Penguin

Would you like to have the ability to understand today's technology and

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how it was created? Maybe everyday life and how to you already know something about computer networking and want to improve your knowledge and skill? Or maybe are the kind of person who doesn't know a thing about computer technology and wants to accumulate some knowledge about it? If your answer is "Yes" to at least one of these questions, then keep reading... We are super excited to represent our newest product: "COMPUTER NETWORKING" - a complete bundle book for people of all levels who want to learn how computer networking works and how to use it to your advantage. The first networks of computer were created not a long time ago, in early 1950s, were used in the U.S military, and they were growing ever since. These days we are miles ahead of what was created decades ago. Our goal was to create a product that is going to help people to understand and learn the basic science of computer networking. Also to understand the importance of computer networking in our

use all the benefits it provides. Now, let's take a look at only a few things you will get out of this book: Complete step-by-step computer networking guide Practical advice on every system you can use Complete networking planning guide Understanding of every industry networks can be used in Breath history of all computer networks How to use internet to its full potential (complete guide) Many many more Here you have it. If you came until this point you are more than ready to start and dive deep into the world of computer networking. ???Take action now, scroll up, click on "Buy Now" and start reading! ??? Computer Hacking Beginners Guide Prentice Hall The Christian fiction genre has been around since the late sixties, but the Left Behind series made it explode. This book walks you through the genre - what it is and isn't, how plot integrates with a Christian message, how to approach edgy subjects, how to navigate Christian and mainstream

publishers, and more. Coverage includes discussion of everything from mystery and romance, to historical and young adult. The Complete Idiot's Guide to Wireless Computing and Networking John Wiley & Sons The bestselling guide—now in a new edition A computer provides a great resource for learning new things and keeping in touch with family and friends, but it may seem intimidating at first. The bestselling Computers For Seniors For Dummies is here to help the 50+ set conquer and overcome any uncertainty with clear-cut, easy-to-understand guidance on how to confidently navigate your computer and the Windows 10 operating system. Featuring large text and images, it's never been easier for seniors to smoothly click their way around a new PC. Even if you don't know a mouse from a megabyte, this book walks you through all the steps to choosing, setting up, and successfully using your new computer. Begin with learning how to turn the computer on and use the keyboard, and from there you'll progress to effortlessly finding your way around the new Windows 10 operating system. Explore all you can do with a computer: Research topics of interest Keep in touch with loved ones Shop securely online Find recipes and diet tips If you've just purchased your first computer and need a plain-

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English introduction to getting started, Computers For Seniors For Dummies has you covered.