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Nota di contenuto	About the Authors; Table of Contents; Introduction; Programming Is Fun!; A Bit of History; So What Can You Do with the Raspberry Pi?; Part I: Connecting the Board; Chapter 1: Meet the Raspberry Pi; A Trip Around the Board; Model A; Model B; A History of Model B PCB Revisions; A Bit of Background; Chapter 2: Getting Started with the Raspberry Pi; Connecting a Display; Connecting Audio; Connecting a Keyboard and Mouse; Installing NOOBS on an SD Card; Connecting External Storage; Connecting the Network; Installing the Operating System; Chapter 3: Linux System Administration; Linux: An Overview Linux BasicsIntroducing Raspbian; Using External Storage Devices; Creating a New User Account; File System Layout; Installing and Uninstalling Software; Shutting the Pi Down Safely; Chapter 4: Troubleshooting; Keyboard and Mouse Diagnostics; Power Diagnostics; Display Diagnostics; Boot Diagnostics; Network Diagnostics; The Emergency Kernel; Chapter 5: Network Configuration; Wired Networking; Wireless Networking; Chapter 6: The Raspberry Pi Software Configuration Tool; Running the Tool; The Setup Options Screen; Chapter 7: Advanced Raspberry Pi Configuration Editing Configuration Files via NOOBSHardware Settings-config.txt; Disabling L2 Cache; Memory Partitioning; Software Settings-cmdline.

Sommario/riassunto	The essential guide to getting started with the Raspberry Pi ® The Raspberry Pi has been a success beyond the dream of its creators. Their goal, to encourage a new generation of computer programmers who understand how computers work, is well under way. Raspberry Pi User Guide 2e is the newest edition of the runaway bestseller written by the Pi's co-creator, Eben Upton, and tech writer Gareth Halfacree. It contains everything you need to know to get the Pi up and running, including how to: Connect a keyboard, mouse, monitor and other peripheralsInstall softwa