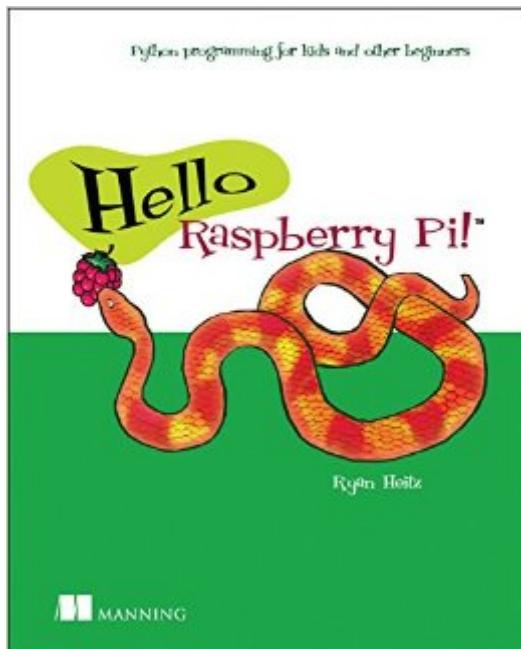


The book was found

Hello Raspberry Pi!: Python Programming For Kids And Other Beginners



Synopsis

SummaryA fun and imaginative way for kids and other beginners to take their first steps programming on a Raspberry Pi.Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.About the TechnologyThe Raspberry Pi is a small, low-cost computer invented to encourage experimentation. The Pi is a snap to set up, and using the free Python programming language, you can learn to create video games, control robots, and maybe even write programs to do your math homework!About the BookHello Raspberry Pi! is a fun way for kids to take their first steps programming on a Raspberry Pi. First, you discover how to set up and navigate the Pi. Next, begin Python programming by learning basic concepts with engaging challenges and games. This book gives you an introduction to computer programming as you gain the confidence to explore, learn, and create on your own. The last part of the book introduces you to the world of computer control of physical objects, where you create interactive projects with lights, buttons, and sounds.What's InsideLearn Python with fun examplesWrite games and control electronicsUse Pygame for video game sounds and graphicsLoaded with programming exercisesAbout the ReaderTo use this book, you'll need a Raspberry Pi starter kit, keyboard, mouse, and monitor. No programming experience needed.Table of ContentsPART 1 GETTING STARTED 1Meet Raspberry PiExploring PythonPART 2 PLAYING WITH PYTHONSSilly Sentence Generator 3000: creating interactive programsNorwegian Blue parrot game: adding logic to programsRaspi's Cave AdventurePART 3 PI AND PYTHON PROJECTSBlinky PiLight Up Guessing GameDJ RaspiAPPENDIXESRaspberry Pi troubleshootingRaspberry Pi ports and legacy boardsSolutions to chapter challengesRaspberry Pi projects

Book Information

Paperback: 320 pages

Publisher: Manning Publications; 1 edition (January 22, 2016)

Language: English

ISBN-10: 1617292451

ISBN-13: 978-1617292453

Product Dimensions: 7.3 x 0.6 x 9.2 inches

Shipping Weight: 12.6 ounces (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 starsÂ See all reviewsÂ (13 customer reviews)

Best Sellers Rank: #340,915 in Books (See Top 100 in Books) #67 inÂ Books > Children's Books > Computers & Technology > Programming #131 inÂ Books > Computers & Technology >

Age Range: 9 - 16 years

Grade Level: 4 - 7

Customer Reviews

[View larger](#) Hello Raspberry Pi!: Python Programming for Kids and Other Beginners The Raspberry Pi provides an excellent platform for learning to program in Python. It includes many input and output ports to give you flexibility in how you connect it. As you would with a desktop computer, you need to connect a keyboard, mouse, monitor, and power cable before you can start using your Pi.

[Download to continue reading...](#)

Raspberry Pi 3: 2016 Raspberry Pi 3 User Guide (Raspberry Pi, Raspberry Pi 2, Raspberry Pi Programming, Raspberry Pi Projects) (Volume 1) Python: Python Programming Course: Learn the Crash Course to Learning the Basics of Python (Python Programming, Python Programming Course, Python Beginners Course) Hello Raspberry Pi!: Python programming for kids and other beginners Python: Python Programming For Beginners - The Comprehensive Guide To Python Programming: Computer Programming, Computer Language, Computer Science Python: Python Programming For Beginners - The Comprehensive Guide To Python Programming: Computer Programming, Computer Language, Computer Science (Machine Language) Deep Learning: Recurrent Neural Networks in Python: LSTM, GRU, and more RNN machine learning architectures in Python and Theano (Machine Learning in Python) Unsupervised Deep Learning in Python: Master Data Science and Machine Learning with Modern Neural Networks written in Python and Theano (Machine Learning in Python) Deep Learning in Python Prerequisites: Master Data Science and Machine Learning with Linear Regression and Logistic Regression in Python (Machine Learning in Python) Convolutional Neural Networks in Python: Master Data Science and Machine Learning with Modern Deep Learning in Python, Theano, and TensorFlow (Machine Learning in Python) Deep Learning in Python: Master Data Science and Machine Learning with Modern Neural Networks written in Python, Theano, and TensorFlow (Machine Learning in Python) Python Programming: Become an Expert at Python Today with Step by Step Instructions for Beginners Python Programming Guide + SQL Guide - Learn to be an EXPERT in a DAY!: Box Set Guide (Python, C++, PHP, Swift, Os, Programming Guide) Arduino: Getting Started With Arduino: The Ultimate Beginner's Guide (Arduino 101, Arduino sketches, Complete beginners guide,

Programming, Raspberry Pi 2, xml, c++, Ruby, html, php, Robots) Python: The Ultimate Crash Course for Python Programming PowerShell: For Beginners! Master The PowerShell Command Line In 24 Hours (Python Programming, Javascript, Computer Programming, C++, SQL, Computer Hacking, Programming) Deep Learning: Natural Language Processing in Python with Word2Vec: Word2Vec and Word Embeddings in Python and Theano (Deep Learning and Natural Language Processing Book 1) Deep Learning: Natural Language Processing in Python with GLoVe: From Word2Vec to GLoVe in Python and Theano (Deep Learning and Natural Language Processing) Java: The Ultimate Guide to Learn Java and Python Programming (Programming, Java, Database, Java for dummies, coding books, java programming) (HTML, ... Developers, Coding, CSS, PHP) (Volume 3) Python for Everybody: Exploring Data in Python 3 Raspberry Pi Cookbook: Software and Hardware Problems and Solutions

[Dmca](#)