



Learning C for Arduino (Paperback)

By Syed Omar Faruk Towaha

Packt Publishing Limited, United Kingdom, 2017. Paperback. Condition: New. Language: English .

Brand New Book ***** Print on Demand *****. Ultimate guide for programming Arduino with C

About This Book * Get hands-on experience with the Arduino board and learn to control it with your programming skills * Learn the essential concepts of C such as variables, data structures, functions, loops, and pointers * Work with electronic devices such as LEDs, switches, and motors and connect them to Arduino using C Who This Book Is For This book is for hobbyists who have no knowledge about programming and microcontrollers, but are keen to learn C programming using a very affordable hardware device. What You Will Learn * Play with mathematical operations using C * Use logical operations and loops to play with LEDs and the Arduino board * Create custom functions using C and connect an SD card to the Arduino * Use Object-oriented Programming to connect a GSM module to the Arduino board * Play with an LCD board and Servo using standard Arduino libraries * Build projects using Arduino such as a LED cube, a smart weather system, and home security * Identify and fix common errors on...



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