



Arduino Programming in 24 Hours, Sams Teach Yourself

By Richard Blum

Sams Publishing. Paperback. Book Condition: New. Paperback. 432 pages. Dimensions: 9.0in. x 6.9in. x 1.0in. Hundreds of thousands of people are discovering Arduino, today's easy, low-cost open source hardware platform. Arduino users range from hobbyists to artists, students to electronic designers who want to prototype their hottest new products. To make the most of Arduino, though, they need to master C, Arduino's primary software language -- and C can be challenging. Sams Teach Yourself Arduino Programming in 24 Hours is the solution. This hands-on tutorial guides you through every step of learning C programming on Arduino, giving you a springboard for creating virtually any project. Perfect for anyone getting started with DIY hardware, it combines just the right depth of C instruction with plenty of expert guidance and easy-to-understand project examples. You'll learn how to: Set up an efficient Arduino programming environment Write code with the Arduino IDE, and quickly create working programs Master C syntax, decision control, strings, data structures, functions, pointers, EEPROM data storage, and hardware libraries Work with both digital interfaces and analog devices Add interrupts, communicate with devices, and use sensors Work with motors, LCDs, and Ethernet networking Write and read data files to SD memory cards...



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