



Beginning C for Arduino: Learn C Programming for the Arduino

By Jack J. Purdum

aPress, United States, 2012. Paperback. Book Condition: New. 1st New edition. 232 x 190 mm. Language: English . Brand New Book. Beginning C for Arduino is written for those who have no prior experience with microcontrollers or programming but would like to experiment and learn both. This book introduces you to the C programming language, reinforcing each programming structure with a simple demonstration of how you can use C to control the Arduino family of microcontrollers. Author Jack Purdum uses an engaging style to teach good programming techniques using examples that have been honed during his 25 years of university teaching. Beginning C for Arduino will teach you: * The C programming language * How to use C to control a microcontroller and related hardware * How to extend C by creating your own library routines During the course of the book, you will learn the basics of programming, such as working with data types, making decisions, and writing control loops. You ll then progress onto some of the trickier aspects of C programming, such as using pointers effectively, working with the C preprocessor, and tackling file I/O. Each chapter ends with a series of exercises and review questions to...



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