1. Record Nr. UNINA9910797410103321

Autore	Burke Tony <1968->
Titolo	Secret scriptures revealed : a new introduction to the Christian Apocrypha / / Tony Burke
Pubbl/distr/stampa	Grand Rapids, Michigan ; ; Cambridge, England : , : William B. Eerdmans Publishing Company, , 2013 ©2013
ISBN	1-4674-3915-0
Descrizione fisica	1 online resource (123 pages)
Disciplina	229.92061
Soggetti	Apocryphal books (New Testament) - Criticism, interpretation, etc
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

2. Record Nr. UNINA9910820975203321

Autore	Langbridge James A.
Titolo	Arduino sketches : tools and techniques for programming wizardry / / James A. Langbridge
Pubbl/distr/stampa	Indianapolis, Indiana : , : John Wiley & Sons, , 2015 ©2015
ISBN	1-119-18371-5 1-118-91969-6 1-118-91962-9
Edizione	[1st edition]
Descrizione fisica	1 online resource (478 p.)
Disciplina	629.89
Soggetti	Arduino (Programmable controller) Microcontrollers - Programming
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title Page; Copyright; Contents; Introduction; Part I Introduction to Arduino; Chapter 1 Introduction to Arduino; Atmel AVR; The Arduino Project; The ATmega Series; The ATmega Series; The ATtiny Series; Other Series; The Different Arduinos; Arduino Uno; Arduino Leonardo; Arduino Ethernet; Arduino Mega 2560; Arduino Mini; Arduino Micro; Arduino Due; LilyPad Arduino; Arduino Pro; Arduino Robot; Arduino Esplora; Arduino Yun; Arduino Tre; Arduino Zero; Your Own Arduino?; Shields; What Is a Shield?; The Different Shields; Arduino Motor Shield; Arduino Wireless SD Shield Arduino Ethernet ShieldArduino WiFi Shield; Arduino GSM Shield; Your Own Shield; What Can You Do with an Arduino?; What You Will Need for This Book; Summary; Chapter 2 Programming for the Arduino; Installing Your Environment; Downloading the Software; Running the Software; Using Your Own IDE; Your First Program; Understanding Your First Sketch; Programming Basics; Variables and Data Types; Control Structures; if Statement; switch Case; while Loop; for Loop; Functions; Libraries; Summary; Chapter 3 Electronics Basics; Electronics 101; Voltage, Amperage, and Resistance; Voltage; Amperage ResistanceOhm's Law; The Basic Components; Resistors; Different

Resistor Values; Identifying Resistor Values; Using Resistors; Capacitors; Using Capacitors; Diodes; Different Types of Diodes; Using Diodes; Light-Emitting Diodes; Using LEDs; Transistors; Using Transistors; Breadboards; Inputs and Outputs; Connecting a Light-Emitting Diode; Calculation; Software; Hardware; What Now?; Summary; Part II Standard Libraries; Chapter 4 The Arduino Language; I/O Functions; Digital I/O; pinMode(); digitalRead(); digitalWrite(); Analog I/O; analogRead(); analogWrite(); Generating Audio Tones; tone() noTone()Reading Pulses; pulseIn(); Time Functions; delay(); delayMicroseconds(); millis(); micros(); Mathematical Functions; min(); max(); constrain(); abs(); map(); pow(); sqrt(); random(); Trigonometry; sin(); cos(); tan(); Constants; Interrupts; attachInterrupt(); detachInterrupt(); noInterrupts(); interrupts(); Summary; Chapter 5 Serial Communication; Introducing Serial Communication; UART Communications; Baud Rate; Data Bits; Parity; Stop Bits; Debugging and Output; Starting a Serial Connection; Writing Data; Sending Text; Sending Data; Reading Data; Starting Communications
Is Data Waiting?Reading a Byte; Reading Multiple Bytes; Taking a Peek; Parsing Data; Cleaning Up; Example Program; SoftwareSerial; Summary; Chapter 6 EEPROM; Introducing EEPROM; The Different Memories on Arduino; The EEPROM Library; Reading and Writing Bytes; Reading and Writing Bits; Reading and Writing Strings; Reading and Writing Other Values; Example Program; Preparing EEPROM Storage; Adding Nonvolatile Memory; Summary; Chapter 7 SPI; Introducting SPI; SPI Bus; Comparison to RS-232; Configuration; Communications; Arduino SPI; SPI Library; SPI on the Arduino Due; Example Program; Hardware Sketch

Sommario/riassunto

Master programming Arduino with this hands-on guide Arduino Sketches is a practical guide to programming the increasingly popular microcontroller that brings gadgets to life. Accessible to tech-lovers at any level, this book provides expert instruction on Arduino programming and hands-on practice to test your skills. You'll find coverage of the various Arduino boards, detailed explanations of each standard library, and guidance on creating libraries from scratch - plus practical examples that demonstrate the everyday use of the skills you're learning. Work on increasingly advanced programming