

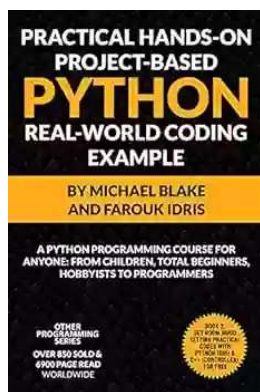
# The Ultimate Guide for Children Total Beginners: Python and Programming Series

Welcome to the exciting world of programming! Learning to code is like embarking on an adventure where you can create your own digital creations and solve complex problems. If you're a child total beginner who wants to explore the fascinating realm of coding, this Python and programming series is perfect for you.

Python is one of the most beginner-friendly programming languages, known for its simplicity and readability. In this comprehensive series, we will guide you through the fundamentals of programming using Python.

## Why Python?

Python is an ideal language for children total beginners as its syntax reads like plain English. This makes it easier to learn and understand, giving you a strong foundation in programming concepts. Additionally, Python has a vast community of developers who are always ready to help and provide resources. You'll never feel alone on your coding journey!



## Practical Hands-On Project-Based PYTHON With Real-World Project Example (Book 2): Python Programming Course For Anyone: From Children, Total Beginners, ... Python and C++ Programming Series) by Michael Blake(Kindle Edition)

★★★★★ 5 out of 5

Language : English  
File size : 12301 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported

Enhanced typesetting : Enabled  
Print length : 81 pages  
Lending : Enabled



## **Chapter 1: Getting Started**

In this chapter, we will introduce you to the basics of programming. You'll learn how to install Python on your computer, set up your programming environment, and write your first 'Hello World!' program. We'll also explain variables, data types, and operations, paving the way for more advanced concepts.

## **Chapter 2: Conditionals and Control Flow**

Building upon your knowledge from the previous chapter, we'll dive into conditionals and control flow. You'll understand how to make decisions in your programs using 'if' statements and logical operators. We'll explore loops, enabling you to repeat actions and solve more complex problems.

## **Chapter 3: Functions and Modules**

In this chapter, you'll learn to write functions, which are essential for organizing your code into reusable, efficient blocks. We'll demonstrate how to use built-in functions and introduce you to modules, which allow you to add extra functionalities to your programs. Prepare to unlock the power of code modularization!

## **Chapter 4: Data Structures and Algorithms**

Data structures and algorithms form the backbone of any program. In this chapter, we'll introduce you to lists, tuples, dictionaries, and sets, which enable

efficient data organization and manipulation. We'll familiarize you with sorting and searching algorithms, equipping you with problem-solving techniques.

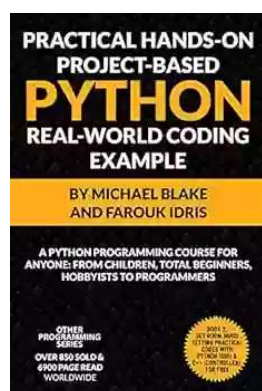
## Chapter 5: Object-Oriented Programming

In the final chapter, we'll take your programming skills to the next level by exploring object-oriented programming (OOP). You'll learn about classes, objects, inheritance, and polymorphism – concepts used extensively by professional developers. By the end, you'll be able to design and implement your own OOP projects.

Congratulations on completing the Python and programming series! You have taken the first steps towards becoming a proficient programmer. Remember, practice is the key to mastering coding. Keep exploring, building projects, and challenging yourself.

With Python, the possibilities are endless. From developing games and web applications to controlling robots and analyzing data, your newfound programming skills will open doors to extraordinary opportunities. The only limit is your imagination!

Keywords for alt attributes: children total beginners, Python and programming series, learn programming, Python, child-friendly programming



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\*\*\* Free With Kindle Unlimited\*\*\*

Did you know over the last few years Python programming is becoming popular?

The demand for Python programmers is increasing rapidly. The potential is huge for those thinking to venture into Industrial/Home Automation, IoT, Web apps, and many...This course will provide all the step-by-step instructions on how to set up Python with the “Raspberry Pi” module, microcontrollers (with built-in WIFI - IoT),and IOs (Sensors and Relays) breadboarding with a No fluff, No BS, or wasting your time approach.

Here's Exactly What You'll Discover Inside

- **This Practical Hands-On Project-Based PYTHON Real-World Coding Example is the best-selling course that contains everything you need to master Python programming language. A self-paced tie with a project example will walk you through programming in all 3 platforms**
- **Work with:-**
- **NodeMCU ESP8266 to run C++ to control all IOs as the main control unit**

- **Raspberry Pi 4 (8GB) is used but a 2GB will work fine to communicate with NodeMcu checking on GUI settings**
- **A Sandisk Ultra 32GB is used**
- **A built-in WIFI NodeMcu used so the project can be controlled and monitored with Blynk (Mobile App). This will teach you the IoT concept**
- **Relay, Temperature/Humidity Sensor module**
- **Project schematic included**
- **The combined Python, C++ and IoT project codes is at 3 figure (in USD) value. This means you are only spending less than 2% or less on this valuable programming course.**
- **Parts are used to create a project called the Automatic Room Mode Control System.**

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JOE GRASSI

**Michael and Farouk,**

**Yea, the book is great and I will work through all the functions in CoDeSys. As have been in the electrical industry for 10+ years, I didn't realize PLC programming was this easy, can't believe I have just been sitting on the sidelines passing this stuff on to the guys that consider themselves dedicated plc programmers.**

**Btw: how do I get on the mailing list? I would definitely like to get your next release for sure.**

**Thanks,**

**Joe**

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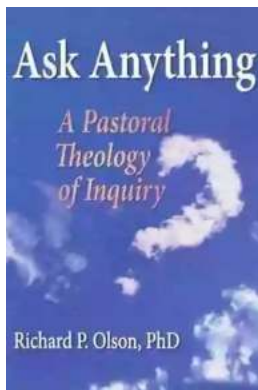
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**Thank you very much for your email and I made a order today. Especially I want to know about Mitsubishi PLCs bcz I live in Japan and It is the type our company using. So I hope you're book series would help me.**

**Thank you very much**

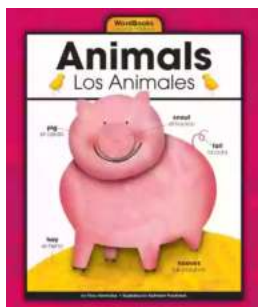
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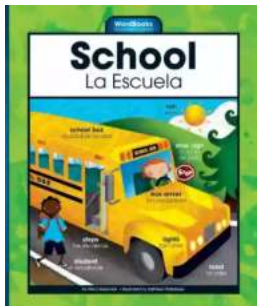
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