

# The Complete Beginner's Guide to Learning Python: Start Coding Today!

Are you a complete beginner to programming? Do you want to learn Python, one of the most popular programming languages in the world?

If so, this is the perfect guide for you. I will take you step-by-step through everything you need to know to get started with Python, from the basics of programming to more advanced concepts.

## What is Python?

Python is a high-level, interpreted programming language. This means that it is easy to read and write, and that it can be run without having to be compiled first.



## Learn Python Quickly: A Complete Beginner's Guide to Learning Python, Even If You're New to Programming (Crash Course With Hands-On Project Book 1)

by Code Quickly

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Language : English  
File size : 2664 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
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Python is also a very versatile language. It can be used for a wide variety of tasks, including web development, data science, and machine learning.

## **Why should I learn Python?**

There are many reasons why you should learn Python. Here are just a few:

- Python is a popular programming language. This means that there are many resources available to help you learn, and that you will be able to find support from other programmers.
- Python is a versatile language. It can be used for a wide variety of tasks, making it a valuable skill to have.
- Python is a beginner-friendly language. It is easy to learn, even if you have no prior programming experience.

## **What will I learn in this guide?**

In this guide, you will learn everything you need to know to get started with Python. I will cover the following topics:

- The basics of programming
- Python syntax
- Python data types
- Python control flow
- Python functions
- Python modules
- Python object-oriented programming

## How do I get started?

To get started, you will need to install Python on your computer. You can download Python from the official website: <https://www.python.org/>

Once you have installed Python, you can open a Python shell and start coding. A Python shell is a program that allows you to run Python code.

To open a Python shell, simply type "python" into a terminal window or command prompt.

## Here is a simple Python program that prints "Hello, world!":

```
python print("Hello, world!")
```

To run this program, simply type the following into a Python shell:

```
python hello.py
```

This will output the following:

```
Hello, world!
```

## Congratulations! You have now written your first Python program.

I encourage you to explore the rest of this guide to learn more about Python. With a little practice, you will be able to write complex and powerful Python programs.

## Additional resources

- The official Python website
- The Python documentation

- Codecademy's Python course
- Udacity's Python Nanodegree



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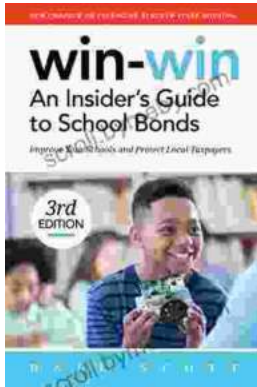
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