



Python Programming

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1 Introduction

This document is a quick introduction to programming in Python. This guide will cover everything that you will need to know in order to start programming in Python.

2 Hello, World!

This is the most basic program that any programmer will create when they first start learning a new language. It is usually the shortest program that they will ever make.

```
print ("Hello, World")
```

In Python, the print function is very simple to use. You simply have to type print() with the string that you want to print inside of the parenthesis with quotes around it.

3 Variables

Variables are a way of storing values in Python. There are many different kinds of variables that you can use in Python. The most common of these variable types are **Integers** and **Strings**.

3.1 Integers

3.2 Strings

3.3 Arrays

3.4 Dictionaries