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First appearing in 1991, Python is a general-purpose, high-level, interpreted programming language whose design focus emphasizes code readability. Whether for processing/analyzing data to powering many well-known applications, Python is not only a great language for new programmers but also powerful enough for seasoned developers building whatever they can think of.

Beautiful is better than ugly;

Explicit is better than implicit;

Simple is better than complex;

Complex is better than complicated;

Readability counts;

The Zen of Python

Getting Started

Python can be easy to pick up whether you're a first time programmer or you're experienced with other languages. The following pages are a useful first step to get on your way writing programs with Python!

- [Beginner's Guide, Programmers](#)
- [Beginner's Guide, Non-Programmers](#)
- [Code sample and snippets for Beginners](#)

Applications

The [Python Package Index \(PyPI\)](#) hosts thousands of third-party modules for Python. Both Python's standard library and the community-contributed modules allow for endless possibilities.

- [Web and Internet Development](#)
- [Database Access](#)
- [Desktop GUIs](#)
- [Network Programming](#)
- [Software and Game Development](#)