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Python for Programmers

The tutorials on this page are aimed at people who have previous experience with other programming languages (C, Perl, Lisp, Visual Basic, etc.). Also of potential interest are such related Beginners Guides as BeginnersGuide/Overview and BeginnersGuide/NonProgrammers, and the tips in MovingToPythonFromOtherLanguages.

Books, Websites, Tutorials (non-interactive)

Reviews

- » Learn Python Best Python Tutorials and Courses Python tutorials & courses recommended by the programming community.
- » Learn Python Best Python Courses Python tutorials submitted and ranked by Python developers with the best rising to the top

Resources

- » Learn Python Step by Step Start learning python from the basics to pro level and attain proficiency.
- » Shackr.io Python Python tutorials recommended by the programming community.
- » Dearn Python OverIQ An entry level course to get you started with Python Programming.
- » Learn Python Tutorial for Beginners A comprehensive Python guide to get started, Python tutorials and examples for beginners.
- » S After Hours Programming's Python Introduction A beginners introduction into Python.
- » CheckiO interactive learning resource Creative way to improve Python skills with interesting tasks, it also supports Python 3l2
- » Dasic to Advanced Tutorial A good tutorial on Python especially for the beginners.
- » Free python tips and tutorials Python tips and tutorials for beginners and professional programmers.
- » Google's Python class Google's Python tutorial for "people with a little bit of programming experience"
- » Intro to Python A Brief Presentation about Python mainly aimed at experienced programmers. Might be nice as a first pass over the language.
- » Instant Python A minimal crash course by Magnus Lie Hetland.
- » © Learn Python in 10 minutes
- » Python 101 Beginning Python and Python 201 (Slightly) Advanced Python Two self-training courses from Dave Kuhlman.
- » A Python Book: Beginning Python, Advanced Python, and Python Exercises An online book by Dave Kuhlman.
- » Python Course This online Python course is aiming at beginners and with advanced topics at experienced programmers as well.
- » Python for Programmers for "Professional programmers who need to learn Python "
- » Python Koans Learn Python through TDD
- » Python Programming: An Introduction to Computer Science by John M. Zelle. Used for CS1 courses at Wartburg College, IA. A simple tkinter-based graphics.py module is used in textbook examples (Python 2 and 3).
- » Python Programming for Beginners A short introduction to writing command-line applications in Python by Jacek Artymiak.
- » Python Essential Reference (book) If you want a highly compressed K&R-style 'just the facts' overview, David Beazley's "Python Essential Reference" covers practically all of the language in about a hundred pages.

- » Resources for Learning Python 10 of the most popular / recommended platforms in the World when it comes to learning Python, either as a complete beginner or someone who knows his way around..
- Python Short Course A set of course slides by Richard P. Muller of Caltech that are aimed at scientific users. For example, the first example is a script to process output from a quantum chemistry simulation.
- » Python Tutorial This tutorial is part of Python's documentation set and is updated with each new release.
- » ComparingTypes Quick look at some common programming types for python and other languages
- » Wikibook:Python Programming
- » Wikiversity:Python The Wiki(anything) information about Python.
- » Dython Programming Tutorials Python programming tutorials.
- » Python Tutorials Python in plain english.
- » Learn Python Programming Made Easy Simplified tutorials for beginners (Learn with relevant examples).

Interactive Tools and Lessons

- » © Computer Science Circles
- » DearnStreet: Free online Python tutorials and practice exercises
- » Dow to Think Like a Computer Scientist, Interactive Edition
- » Interactive tutorials for scientific programming using Python
- » Problem Solving with Algorithms and Data Structures using Python (second-level course)
- » Dython visualizer tool
- » Thonny, Python IDE for begginners. Has intuitive features for program runtime visualization

Python Video Tutorials

- » Sython Screencasts (36 videos)
- » Getting started with Python' blog series at ShowMeDo, includes articles on 'Python Development Environments' and 'Python Under-The-Hood'
- » MIT's 6.00 Introduction to Computer Science and Programming (in Python)
- » Whan Academy computer science playlist teaches Python.
- » © uDemy's Learn Python (for Beginners)
- » Python Bits Has a playlist called Python Bits with some interesting Python topics. Beginner and intermediate level.
- » Sayanam has video tutorials about Python.
 - Python OOP Tutorial for Beginners Getting started with OOP programming with Python.
 - » Dython Lists and Object Tutorial for Beginners Sorting Objects with Python.
 - » Dython Exception Handling for beginners Exception handling with Python.

- » Senvato Tuts+ has video courses and tutorials about Python.
 - » Introduction to Python learn Python from scratch.
 - » Data Handling With Python learn the basics of handling data in the Python language.
 - » Crawl the Web With Python learn to build a web crawler and scraper (free).
 - » © Getting Started With Django learn the Django back-end framework from scratch.
 - » Django Basics An introductory course to learn basics of Django framework in great detail.
 - » Duild a News Aggregator With Django learn advanced Django skills with a handson project.

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