

# Introducing Python

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<https://github.com/swacademy/Python>

# Introduction

- Name
- Address to live
- Career
- Programming, networking, database experience
- Product experience
- Expectations for the course

# Prerequisites

- Basic knowledge of Computer Architecture
- Hardware & Software
- Basic Computer Data Structure
- Familiarity with basic Operating Systems functions
- Understanding of the basics of structured programming
- Shell Scripting experience
- Experience programming in C, C++, Java

# Course Outline

- 1. Getting Started**
- 2. Configure for Lab**
- 3. Python Language Rules**
- 4. Basic Operators**
- 5. Control Flow Statements**
- 6. Numbers and Strings**
- 7. Lists, Tuples and Dictionary**
- 8. Date and Time**
- 9. Functions**

# **Course Outline (Cont.)**

**10. Modules and Packages**

**11. Classes and Objects**

**12. Files I/O**

**13. Exceptions**

**14. Multithreading**

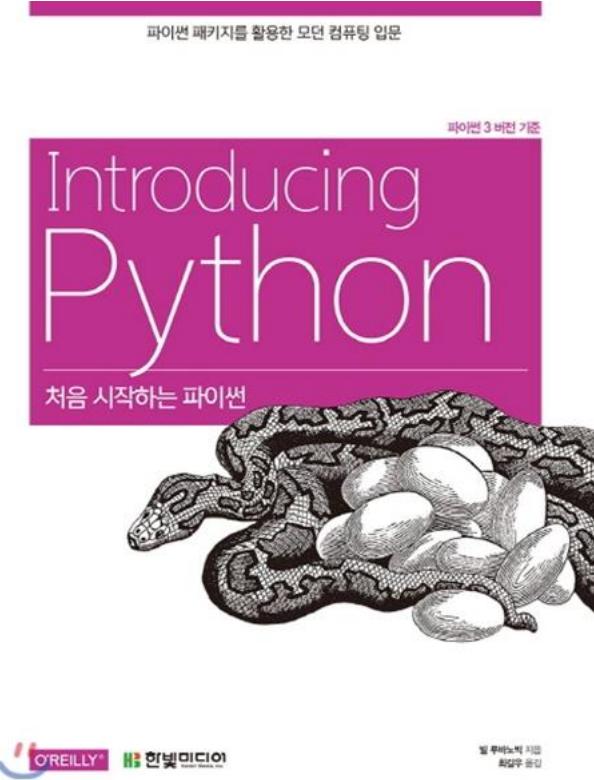
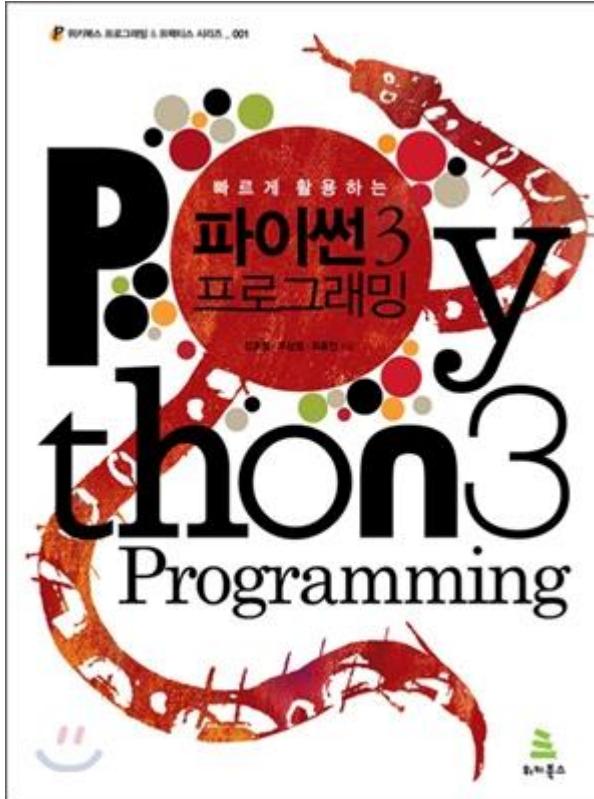
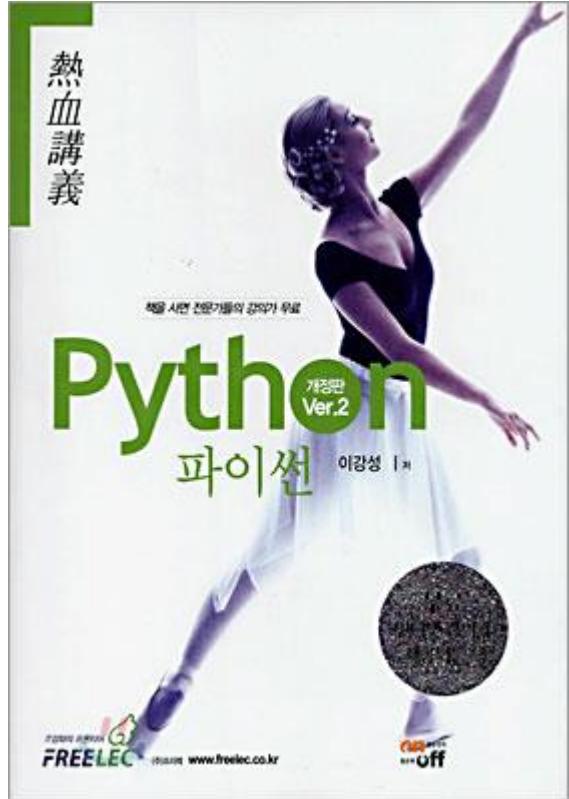
**15. Networking**

**16. Reg Expressions**

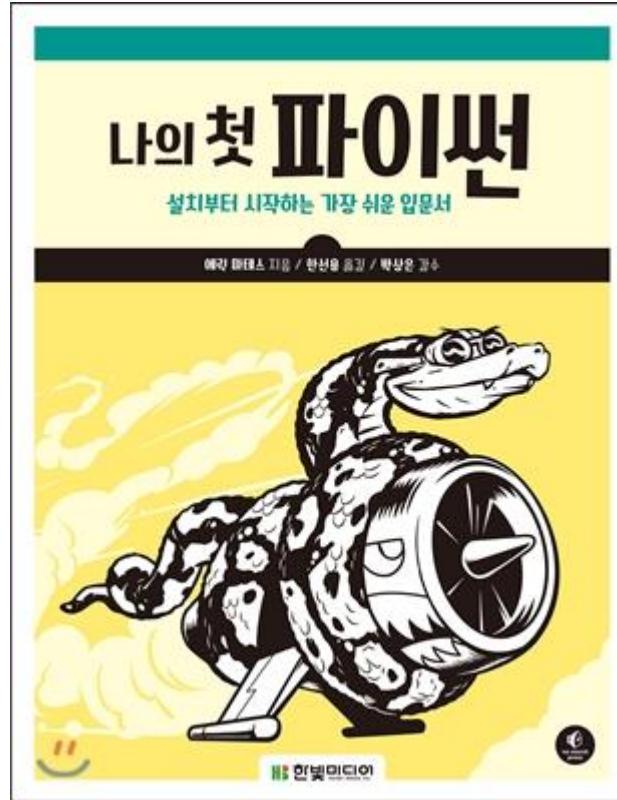
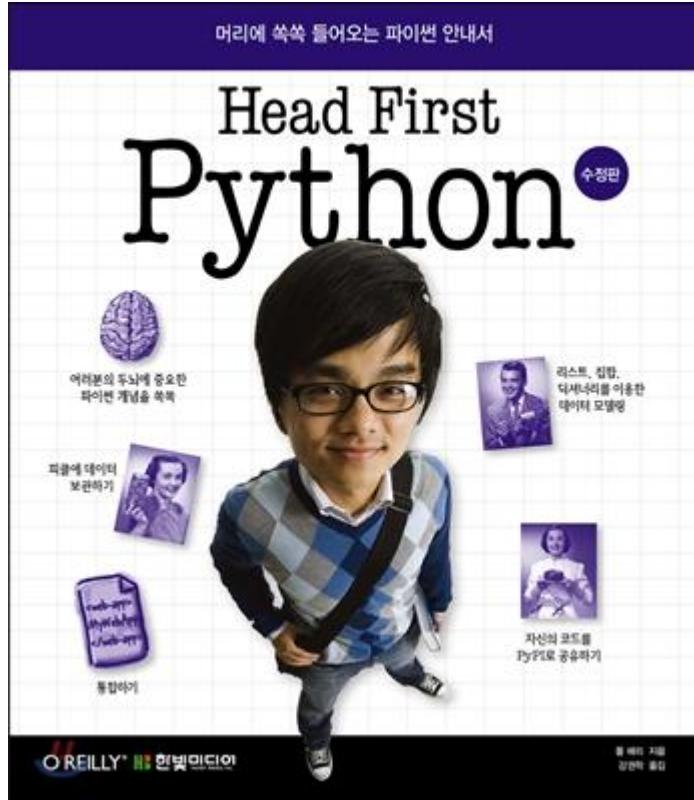
**17. CGI Programming**

**18. Database Access**

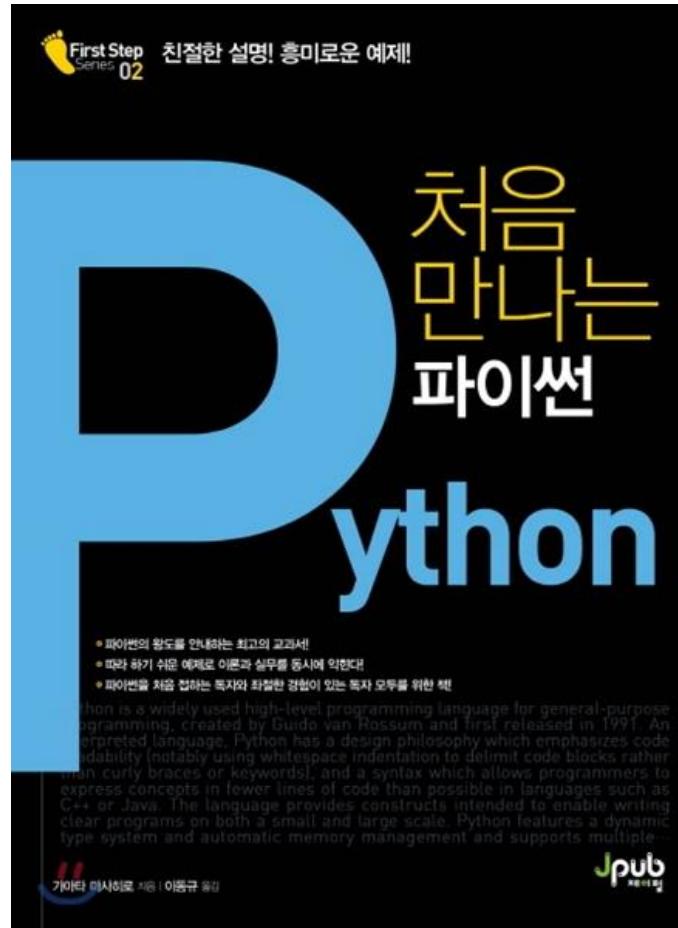
# Reference Books



# Reference Books (Cont.)



# Reference Books (Cont.)



# Reference Sites

- [A Byte of Python](#)
- [Python Tutorials](#)
- [파이썬을 배우는 최고의 방법](#)
- [Python by Luis Solis | ZEEF](#)
- [Python by Alan Richmond | ZEEF](#)
- [Introduction to programming with Python](#)
- [파이썬으로 배우는 알고리즘 트레이딩](#)
- [점프 투 파이썬](#)

# Reference Sites (Cont.)

- [Python 살펴보기](#)
- [Tutorial Campus Python](#)
- [Learning Café Python](#)
- [장고걸스 튜토리얼](#)
- [Python 개발자를 위한 gevent](#)
- [Kivy Planet](#)
- [Non-Programmer's Tutorial for Python 2.6](#)
- [Python Codecademy](#)

## Reference Sites (Cont.)

- [Python Imaging Library \(PIL\)](#)
- [될성부른떡잎의 음주 프로그래밍](#)
- [Introduction to Computer Science and Programming Using Python](#)
- [MIT 6.00 컴퓨터 공학과 프로그래밍\(Python\) 오픈 코스](#)
- [Collection Of 51 Free eBooks On Python Programming](#)
- [Tutorials, Python Course](#)

# Reference Sites (Cont.)

- [Matplotlib tutorial](#)
- [lapee의 computer world](#)
- [Ulismoon' blog](#)
- [Python Programming Tutorials](#)
- [PyCon Korea 2017](#)
- [PyCon Korea 2016](#)
- [PyCon Korea 2015](#)
- [PyCon Korea 2014](#)