

This archive contains course materials for a CS1 course in Python 3. The course was developed for University of Toronto Mississauga by Daniel Zingaro in Fall 2012.



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The text for the course is Fundamentals of Python: First Programs, Kenneth Lambert. Course Technology, 2011.

The archive contains one directory per lecture. Each directory contains:

*lecturex.tex and lecturex.pdf, where x is the lecture number. LaTeX can be used to compile the tex file. The provided pdf was generated directly from the tex and other files in the directory.

*quizzx.txt. This is the pre-lecture reading quiz, administered online to students. The quizzes are compatible with my reading quiz scripts available here:

www.danielzingaro.com/pi/quizcode.zip

*Other .tex files are class handouts or supplemental pre-lecture reading (when the textbook did not contain the required material).

*The .py files are Python code examples. They are typically verbatiminclude'd in a lecturex.tex, but are standalone files so that they can be run in Python, edited during class, etc.

Being a PI course, each lecture contains concepttests. Answers to the concepttests, and the readings required for each pre-lecture quiz, are below.

Lecture 2: 1.1, 1.4, 1.4.1, 1.4.2, 2.3.1, 2.3.5

1. C. (B is incorrect because there are three steps.)
2. D.
3. A.
4. C.

Lecture 3: 1.5 and func1.pdf

1. C.
2. B.
3. C.
4. B.

Lecture 4: bool.pdf

1. B.
2. A.

3. B.
4. A.
5. D. (A and B are correct.)

Lecture 5: func2.pdf

1. B.
2. A.
3. A.
4. B.
5. B.

Lecture 6: recipe.tex

1. A.
2. B.
3. A.

Lecture 7: 3.4.1, 3.4.2, 3.4.3, 3.4.4

1. B.
2. C.
3. A.
4. B.
5. A.
6. B.

Lecture 8: 3.4.5, 3.4.6, 3.4.7

1. A.
2. E.
3. B.
4. C.
5. B.

Lecture 9: none

1. C.
2. A.

Lecture 10: 2.3.2, 2.3.3, 2.3.4, 3.1.1-3.1.5

1. E.
2. B.
3. C.
4. D.

Lecture 11: 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.4

1. C.
2. A.
3. D.
4. E.
5. A.

Lecture 12: strformat.pdf; 2.4.3, 4.2

1. C.
2. B.
3. C.

Lecture 13: 3.5, 3.5.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5

1. A.
2. C.
3. A.
4. A.
5. C.

Lecture 14: 5.1, 5.1.1, 5.1.2, 5.1.3, 5.1.4, 5.1.5

1. A.
2. C.
3. D.

Lecture 15: 3.1.6, 5.1.6, 5.1.7, 5.1.8

1. A.
2. B.
3. A.
4. C.

Lecture 16: 5.1.10

1. D.
2. E.

Lecture 17: 4.5, 4.5.1, 4.5.2, 4.5.3, 4.5.4, 4.5.5

1. E.
2. E.
3. D.

Lecture 18: 5.4, 5.4.1, 5.4.2, 5.4.3, 5.4.4

1. C.
2. A.
3. B.
4. A.

Lecture 19: 5.4.5, 5.4.7, and read over birthday.pdf

1. B.
2. D.
3. B.
4. C.

Lecture 20: lit.pdf

1. B.
2. C.

Lecture 21: lit.pdf again

1. A.
2. C.
3. A.

Lecture 22: testing.pdf

1. C.
2. D.
3. B.
4. A.

Lecture 23: mutable.pdf

1. C.
2. D.
3. D.

Lecture 24: 8.1, 8.1.1, 8.1.2, 8.1.3, 8.1.4, 8.1.6

1. C.
2. A.
3. A.

Lecture 25: 8.1.5, 8.1.7

1. D.
2. B.

Lecture 26: 8.3.1, 8.3.2, 8.3.3, 8.3.4

1. D.
2. C.
3. E.
4. D.

Lecture 27: 8.3.5, 8.5.1, 8.5.2, and unittest.pdf

1. B.
2. A.
3. B.

Lecture 29: none

1. C.
2. B.
3. A.
4. D.

Lecture 30: none

1. D.
2. C.
3. D.
4. C.

Lecture 31: Intro to Chapter 11, 11.1, 11.1.1, 11.1.2 (stop after page 11-6). Note that this chapter of the book is online-only

1. A.
2. A.
3. B.
4. A.
5. B.
6. B.
7. C.

Lecture 32: 11.2, 11.2.1, 11.2.2

1. D.
2. C.

Lecture 33: 11.4, 11.4.1, 11.4.3

1. D.
2. B.
3. A.

4. C.

Lecture 34: 11.4.2

The first two questions are not good. I should have had distractors whose rightmost element is the largest element.

1. D.

2. B.

3. B.