

# Programming in Python

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<http://staff.washington.edu/jon/python-course/>

- Collect weekly report, announcements/reminders
- Lecture: review assigned reading
- Questions
- Quiz
- Review quiz
- Break
  
- Presenters: Eyal Arian, Melissa Rice, Gregg Toth
- Lab/questions/break
  
- Lecture: supplement assigned reading
- Lab/questions/break
- Collect progress report, midcourse evaluation
- Adjourn

# Review assigned reading

*PySD/TPy* chapters 4, 5, 6, 7

## Chapter 4

- `from TurtleWorld import *`
- `world = TurtleWorld()`
- `for i in range(4): ...`
- Keyword arguments
- Docstrings
- Pre- and postconditions

## Chapter 5

- `%` (remainder)
- `True`, `False`, `==` (equals)
- `and`, `or`, `not`
- `if: ... elif: ... else: ...`
- Recursion
- `input = raw_input()`

*PySD/TPy* chapters 4, 5, 6, 7

## Chapter 6

- Return values
- Recursion, again

## Chapter 7

- `x = x + 1`
- `while n > 0: ...`

- Eyal Arian
- Melissa Rice
- Gregg Toth

# Supplement assigned reading

- Preconditions, postconditions, invariants
- Assertions
- Debugger