

# Programming in Python

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# A day in the life ...

- Collect weekly report
- Announcements/reminders
- Lecture: review assigned reading
- Questions
- Quiz
- Discussion
- Lab/questions/break
  
- Presenters
- Lab/questions/break
  
- Lecture: supplement assigned reading
- Lab/questions/adjourn

# Review assigned reading

## *PySD/TPy* chapters 2, 3

- Values, types
- Expressions, statements
- Variables and assignment (names for values)
- State (variable names and values at one point in time)
- Functions (names for computations)
- Block structure (colons and indents)
- Parameters and arguments (positional)
- Scope (variables in functions are local)
- Import / other execution
- Definition / Use
- Compile time / Runtime
- Syntax errors / Runtime errors (type checking etc.)

# Presenters

- Aaron Bazar
- Jeff Silverman
- Joe Simpson
- Alicia Sullivan

# Supplement assigned reading

- Functions are objects (can be assigned, passed as args, ...)
- Objects have attributes (used by Python or your code)
- Function can have keyword arguments (for options, defaults)