

Introductions





About Me



- Software generalist
- Modern Python enthusiast
- Recovering Microsoft partisan
- ***Contact info in Zoom Chat***



Goals

- 1. Good parts**
- 2. Best practices**
- 3. Where to get help**



- 1. Struggle**
- 2. Repetition**
- 3. Articulation**

Hear me now unt believe me later.
-- Hans unt Franz





Beer Party Strategy

- Better too much beer than not enough
- Light coverage for
 - Inapplicable
 - Unimportant
 - Boring
- Heavier coverage where it matters





Grandma Stolfus



[Learning python] is like basketball: it takes a lot of practice to do well.

- Lab time: ~50%
- Procedure:
 - Trio programming
 - Randomly picked
 - Switch drivers
 - Discussion afterwards





About You

- You know some basics of
 - Programming
 - Command line tools
- More is better
- Less is ok too



What I Need



- Partners
- Feedback
- Questions
- Cameras

No eye-contact makes this even more important



Zoom Usage

- Use the tools
 - Surveys
 - Chat - Just like Slack
 - Questions & Answers - FAQ
 - Feedback
- Pair programming via breakout rooms
- Turn on your camera!





Tools You Need

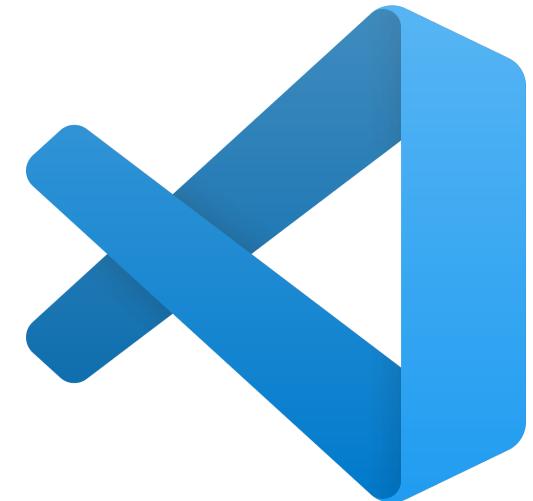




Tools You *Might* Want



- Visual Studio Code
 - Extension: Pylance
- Jupyter Lab





Materials

- **Slides** are PDF
 - Released mornings
- **Projects** are pure Python
- Live here: https://github.com/bathcat/python_foundations
 - Won't last forever
 - Moving target



Agenda (Day 1)



Theme: Fundamentals

1. Big Picture
2. Expressions
3. Primitives
4. Containers



Agenda (Day 2)



Theme: Structure

5. Containers (Continued)
6. Functions
7. Exceptions
8. Objects



Introductions



- Name
- Background
- Expectations
- Childhood career ambitions



Housekeeping

- Hours
- ~~Restrooms~~
- ~~Phones~~
- Breaks
- ~~Food~~
- ~~Coffee~~

