Thursday 1/23

Welcome!

Announcements:

- g03-g05 posted and due this Friday, 1/24
- g06 posted and due **next** Friday, **1/31**

- Information session with alums working for the City of Syracuse:

> **From Maxwell to Local Impact: Alumni Insights on Public Service Careers**
>
> *Thursday, January 30, 12:00-1:00*
> *Maxwell 204B*
>
> Join us for an inspiring career workshop featuring Maxwell School MPA alumni from the Class of 2023 and 2024 who are making a meaningful impact in local government at the City of Syracuse. Representing diverse functions—Office of Management & Budget; the Mayor's Office; Neighborhood and Business Development; Analytics, Performance, and Innovation—these alumni will share their experiences navigating careers in public service. Discover how the skills and knowledge gained at Maxwell translate into real-world contributions, hear advice tailored for both local and international students, and explore pathways to impactful roles in local government and beyond.
>
> This interactive session will include personal stories, practical advice, and an open Q&A, providing current students with valuable insights into building a career rooted in purpose and service which adheres to the Athenian Oath. Pizza and salad will be provided.
>
> Organized by the Palmer Center for Career Development

- Information session with the Arizona Governor's Office

> *Thursday, February 6th, during class*

Representatives from the Arizona Governor's Office will visit class to talk about working at the office.

Tips:

Using comments to write readable code

- Use **blank lines** to divide into **blocks** (like paragraphs)

- Use **comments** to describe the **purpose** of **blocks**
    Lines beginning with **#** are comments: not executed by Python
    Full line comments are usually better than end-of-line (EOL) comments

```
#  This is a full line comment: no code before the hash
#  Easy to see: clearly separate from code

fh = open("somefile.txt")  #  This is an EOL comment
for line in fh: #  This is another: harder to quickly see code vs comments
```

- **Avoid** comments that **refer to instructions** from the assignments

# Build a table of integers from # 1 to 10 raised to powers from # 0 to 4	Good: explains purpose of next lines
# Step 7	Bad: meaningless without the instructions

- See "Best Practices for Documentation in Python" on class page
    Links to "Documenting Python Code: A Complete Guide"
    Direct URL: https://realpython.com/documenting-python-code/

Coding tip: can subscript **strings** like lists:

ex = "example string"

ex[1]   ➡   "x"

ex[:2]   ➡   "ex"

ex[-4:] ➡   "ring"