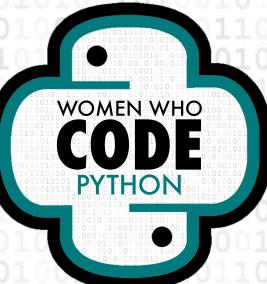


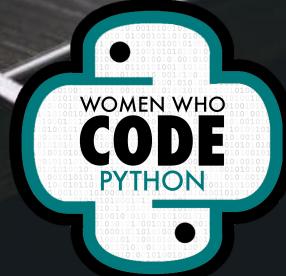
Welcome everyone!

- You can find these slides on GitHub here:
<https://github.com/WomenWhoCode/WWCodePython>
- Please make sure your chat is set to “All panelists and attendees”.
- Some housekeeping rules:
 - Everyone will be muted throughout the webinar, but there will be opportunities for participation!
 - Please share your thoughts on the chat and/or ask questions in the Q&A.
 - The entire team is here today. Please reach out to us with any technical questions!



Women Who Code: Python

Beginner Python Study Group
Session 8: Mini Coding Project

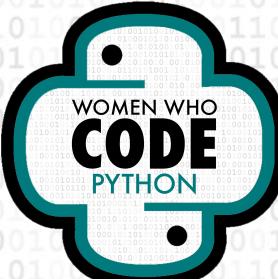




Meet us!

Before We Begin...

- Get your favorite code editor up and running if you don't have one downloaded already!
- We recommend either of the following:
 - Python3 IDLE
(<https://www.python.org/downloads/>)
 - Visual Studio Code
(<https://code.visualstudio.com/download>)
 - Sublime (<https://www.sublimetext.com/3>)



Hi I'm Rishika!

Graduate Student
Lead at WWCode
@Rishika Singh



Hi I'm Karen!

R&D - AI Sector
Volunteer at WWCode
@Karen W



Hi I'm Stephanie!

Marketing
Evangelist @ WWCode
@Stephanie



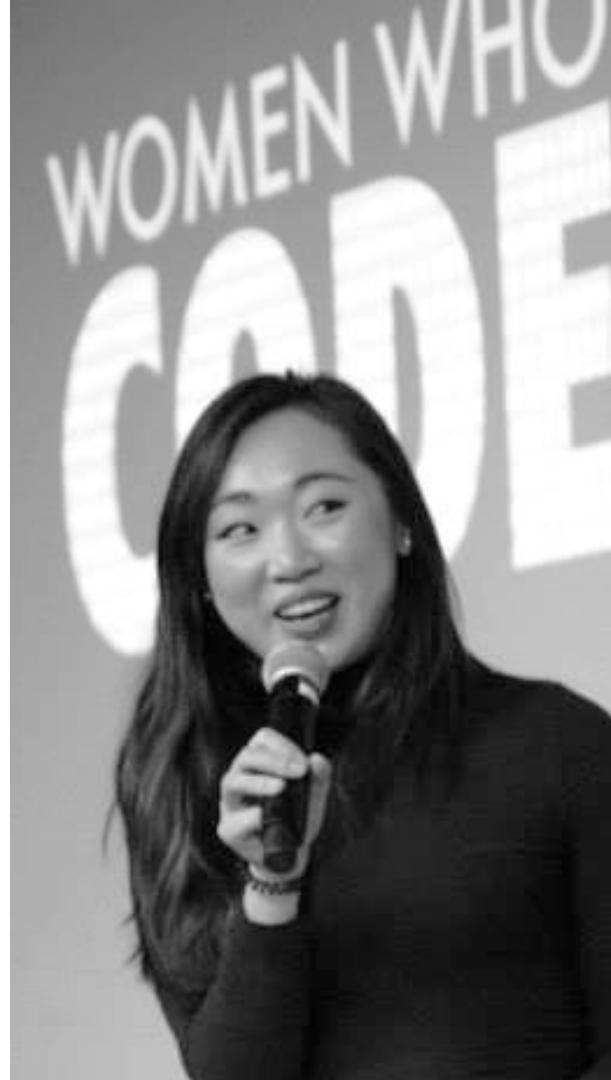
OUR MISSION

Inspiring women to
excel in technology
careers.



OUR VISION

A world where women are representative as technical executives, founders, VCs, board members and software engineers.



OUR TARGET

Engineers with two or more years of experience looking for support and resources to strengthen their influence and levelup in their careers.



CODE OF CONDUCT

WWCode is an inclusive community, dedicated to providing an empowering experience for everyone who participates in or supports our community, regardless of gender, gender identity and expression, sexual orientation, ability, physical appearance, body size, race, ethnicity, age, religion, socioeconomic status, caste, creed, political affiliation, or preferred programming language(s).

Our events are intended to inspire women to excel in technology careers, and anyone who is there for this purpose is welcome. We do not tolerate harassment of members in any form. Our **Code of Conduct** applies to all WWCode events and online communities.

Read the full version and access our incident report form at womenwhocode.com/codeofconduct

230,000 Members

70 networks in 20 countries
Members in 97+ countries
10K+ events
\$1025 daily Conference tickets
\$2M Scholarships
Access to [jobs](#) + [resources](#)
Infinite connections



OUR MOVEMENT

As the world changes, we can be a connecting force that creates a sense of belonging while the world is being asked to isolate.



Upcoming Events!

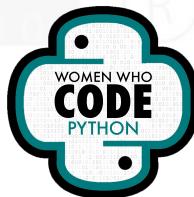
WOMEN WHO
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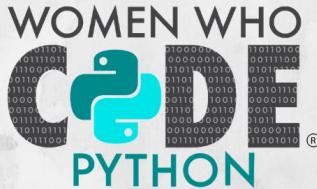
✨ Discover NLP with Python Study Group: Session 4 ✨

7:00 PM – 8:00 PM (EST) | 🔍 Zoom

[Register](#)



Stay Connected



WOMEN WHO
CODE.[®]
PYTHON

JOIN US ON SOCIAL MEDIA!

@WWCODEPYTHON

WOMENWHOCODE.COM/PYTHON

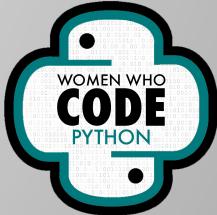
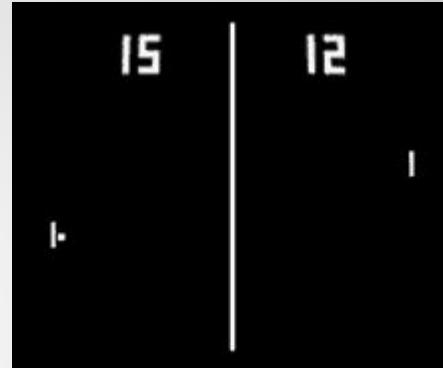
Today's Agenda



1. Pong Game 🎾
2. Live-Coding 💻
3. Wrap-Up 🔍

Pong Game

- Simple game in Python 3
 - [YouTube video](#)
 - [Original code](#)
- 2-dimensional game that simulates table tennis/ping pong
- Players use paddles (lines/blocks) to hit the ball back and forth



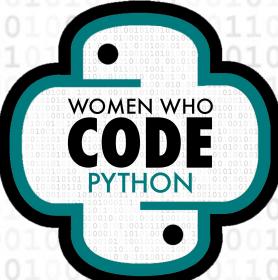
Time for Live Coding!

Google Drive folder link:

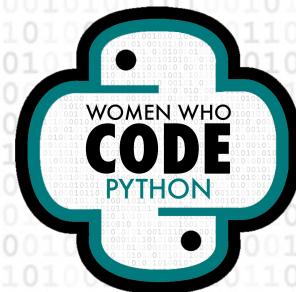
<https://drive.google.com/drive/folders/1LApEtu8mOLbeM0s4rUCktsIWhdJL3SCQ?usp=sharing>

Need the following files:

- pong_new.py*
- main.py*
- main_solution.py*
- bounce.wav*

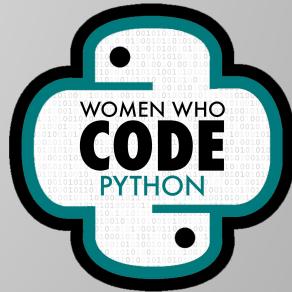


Q&A Time!



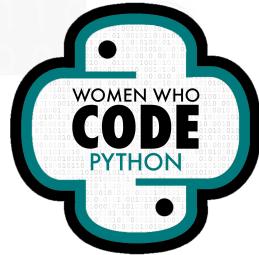
Series Wrap-Up!

- Why Python? Its advantages and applications
- Use of Google Colab
- Installation, importing, and usage of libraries (pip)
- Data types
- Flow Control & Programming Logic
- Modules, Functions, & OOP



Questions?

Join our Slack channel: #beginner-python-stdy-grp



Thanks, everyone!

