Software Carpentry Workshop

17-19 November 2020

https://edcarp.github.io   **edcarp@ed.ac.uk**

Be nice, respectful and inclusive

Zoom

Rename yourself with name and surname - helpers add (helper)

Mute / unmute

Video if you can - we might take a photo (screenshot)
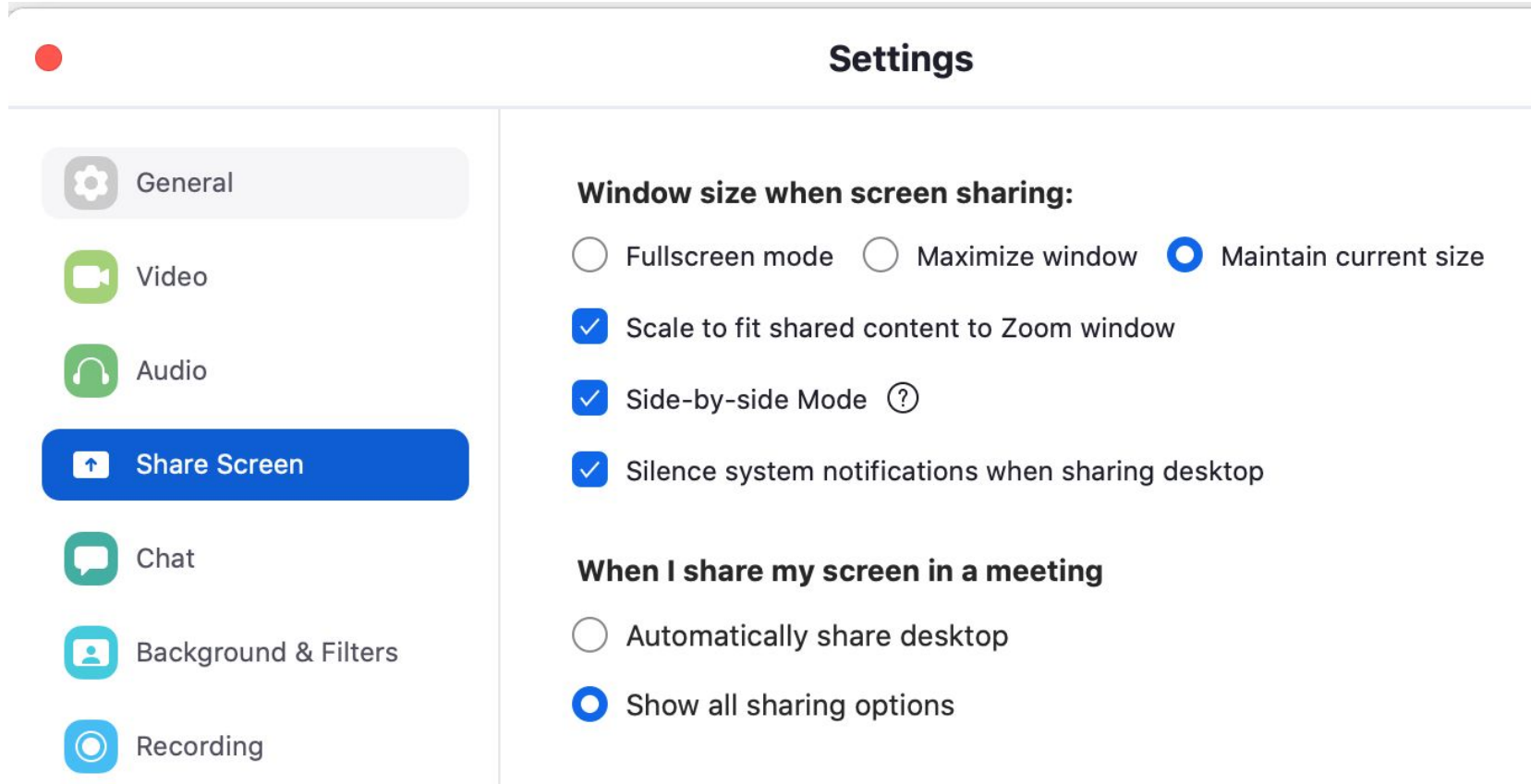
Use headset if possible

Non-verbal indicators

Breakout rooms

Use the chat

Multiple screenshare

Disable automatic full-screen on screen-share ==>

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Disable automatic full-screen on screen-share

Settings

- General
- Video
- Audio
- Share Screen
- Chat
- Background & Filters
- Recording

Window size when screen sharing:

◯ Fullscreen mode   ◯ Maximize window   ⦿ Maintain current size

☑ Scale to fit shared content to Zoom window

☑ Side-by-side Mode ⓘ

☑ Silence system notifications when sharing desktop

When I share my screen in a meeting

◯ Automatically share desktop

⦿ Show all sharing options

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Etherpad and workshop webpage

Link to **etherpad** on zoom chat

Add your name on the top right sidebar

Add your name and surname under Participants

How to use the etherpad

Feed-back!

Workshop webpage

Post workshop survey

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How to get help

Put the red sign on

Request help in the zoom chat

Watch out for someone coming to help

If requested, screen-share

Last resort, breakout room

Try to avoid interrupting with voice

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This workshop

Instructors

David McKain, Bailey Harrington, Mario Antonioletti

Helpers

Jen Daub, Robert Nagy, Matthew Hamilton, Magnus Hagdorn, Giacomo Peru

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Day 1 (Tuesday 17th November)

10:00 Automating Tasks with the Unix Shell

11:15 Morning break

11:30 Automating Tasks with the Unix Shell (Continued)

12:30 Lunch break

13:15 Automating Tasks with the Unix Shell (Continued)

14:30 Afternoon break

14:45 Automating Tasks with the Unix Shell (Continued)

16:00 END

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Day 2 (Wednesday 18th November)

10:00   Building Programs with Python

11:15   Morning break

11:30   Building Programs with Python (Continued)

12:30   Lunch break

13:15   Building Programs with Python (Continued)

14:30   Afternoon break

14:45   Building Programs with Python (Continued)

16:00   END

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Day 3 (Thursday 19th November)

10:00	Version Control with Git
11:15	Morning break
11:30	Version Control with Git (Continued)
12:30	Lunch break
13:15	Version Control with Git (Continued)
14:30	Afternoon break
14:45	Version Control with Git (Continued)
16:00	END

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THE CARPENTRIES

We teach foundational coding and data science skills to researchers worldwide.

DATA CARPENTRY

library Carpentry

software carpentry

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WHAT IS TAUGHT?

software carpentry

Library Carpentry

DATA CARPENTRY

- **Bash shell (0.5 d)**
- **Git (0.5 d)**
- **Python (1 d)**
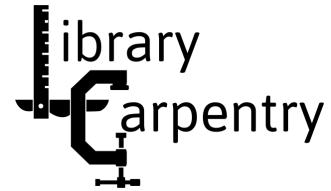
- **Intro to data (0.5 d)**
- **Unix shell (0.5 d)**
- **Open Refine (0.5 d)**
- **Intro to Git/Python (0.5 d)**

- **Spreadsheets (0.25 d)**
- **Open Refine (0.25 d)**
- **R (1.5 d or 1 d + SQL 0.5 d)**

https://github.com/carpentrieslab

https://github.com/carpentries-incubator

https://edcarp.github.io

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OPENNESS, ETHOS, PEDAGOGY

OPEN COMMUNITY
resources are developed collaboratively on GitHub by volunteers and available under CC-BY license

STRONG ETHOS
volunteering, inclusivity and respect, Code of Conduct are fundamental aspects of the community

EDUCATIONAL DRIVE
structured pathway for the development of members, from leartner, to helper, to instructor to trainer

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Edinburgh Carpentries - EdCarp

Coordinated approach to teach Carpentries in Edinburgh

Community effort from people in various roles and departments

Provides support with planning and delivery of workshops

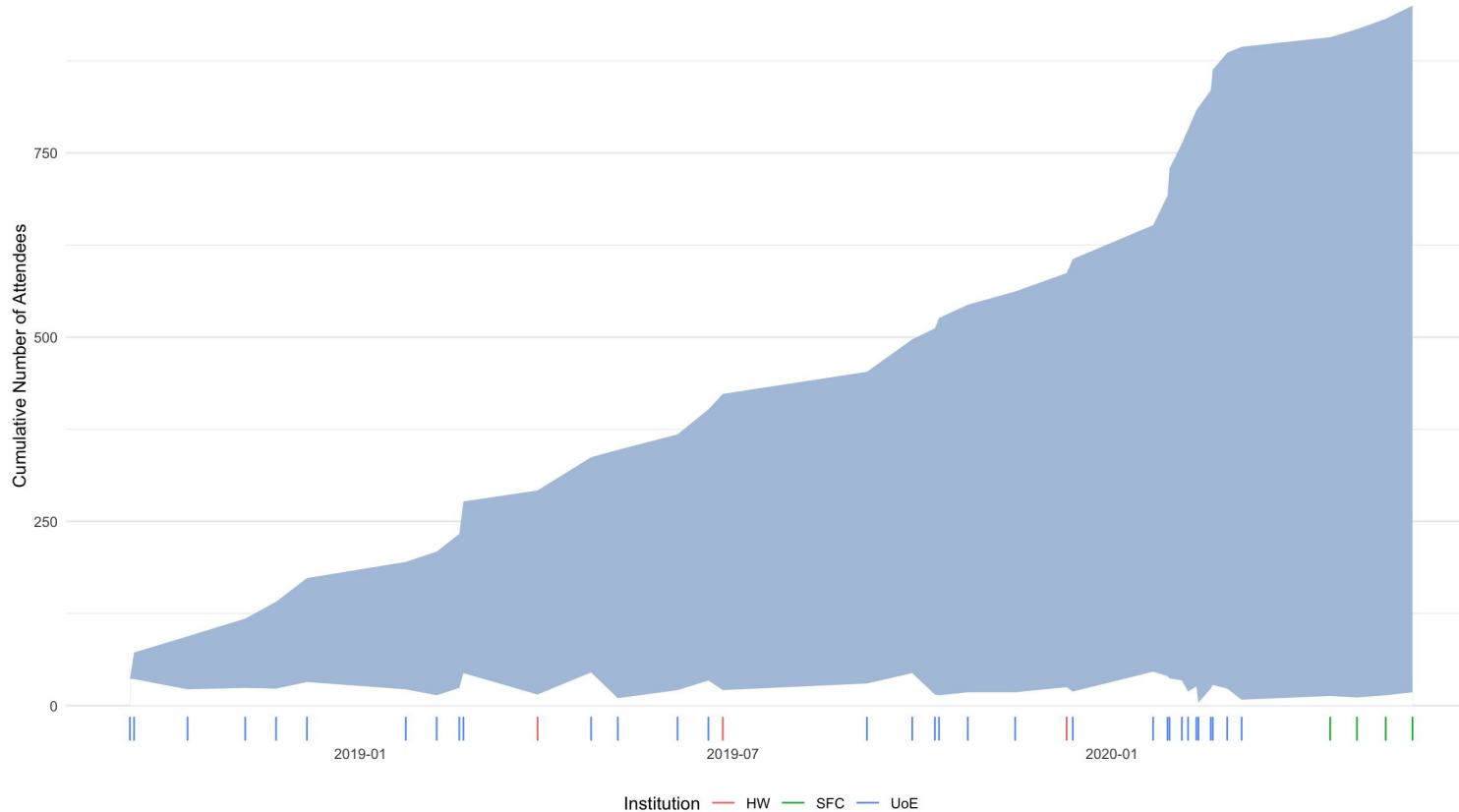**Financial support from SoPA, IS and EPCC**

Not only UoE but also HW

Balance between demand and capacity

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Edinburgh Carpentries is Growing

Sep 2018 – May 2020
37 events
45 days of training
900 learners
dozens of helpers

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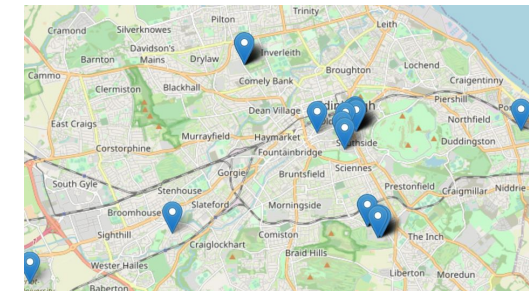
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Typical example

The new norm (for now)

SFC Data Carpentry 29-30 April 2020 on Zoom

17
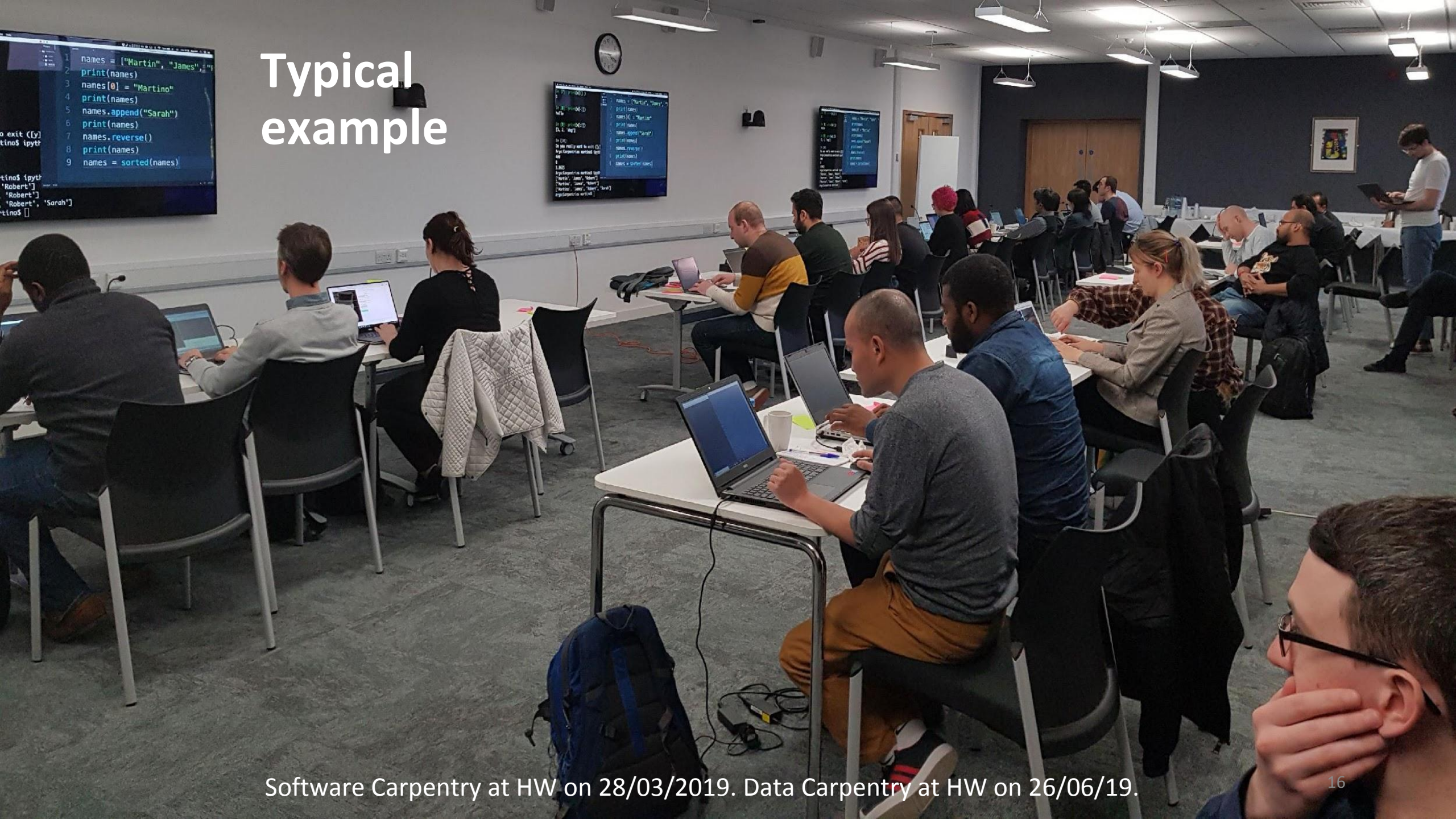
THANKS

Everyone is welcome to get involved!
See etherpad for sign-up and Slack

Thank you from the Edinburgh Carpentries Team

David McKain, Bailey Harrington, Mario Antonioletti, Jen Daub, Robert Nagy, Matthew Hamilton, Magnus Hagdorn, Giacomo Peru

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BREAK

back at ...

remain connected
please turn microphone and video off
♥♥♥

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