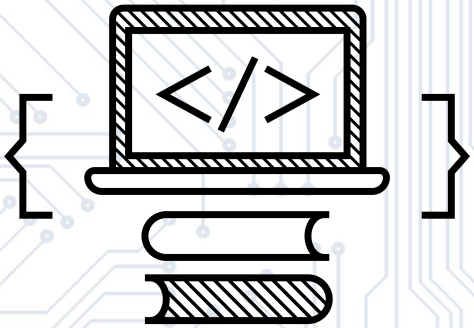
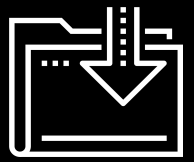


Welcome and Installation

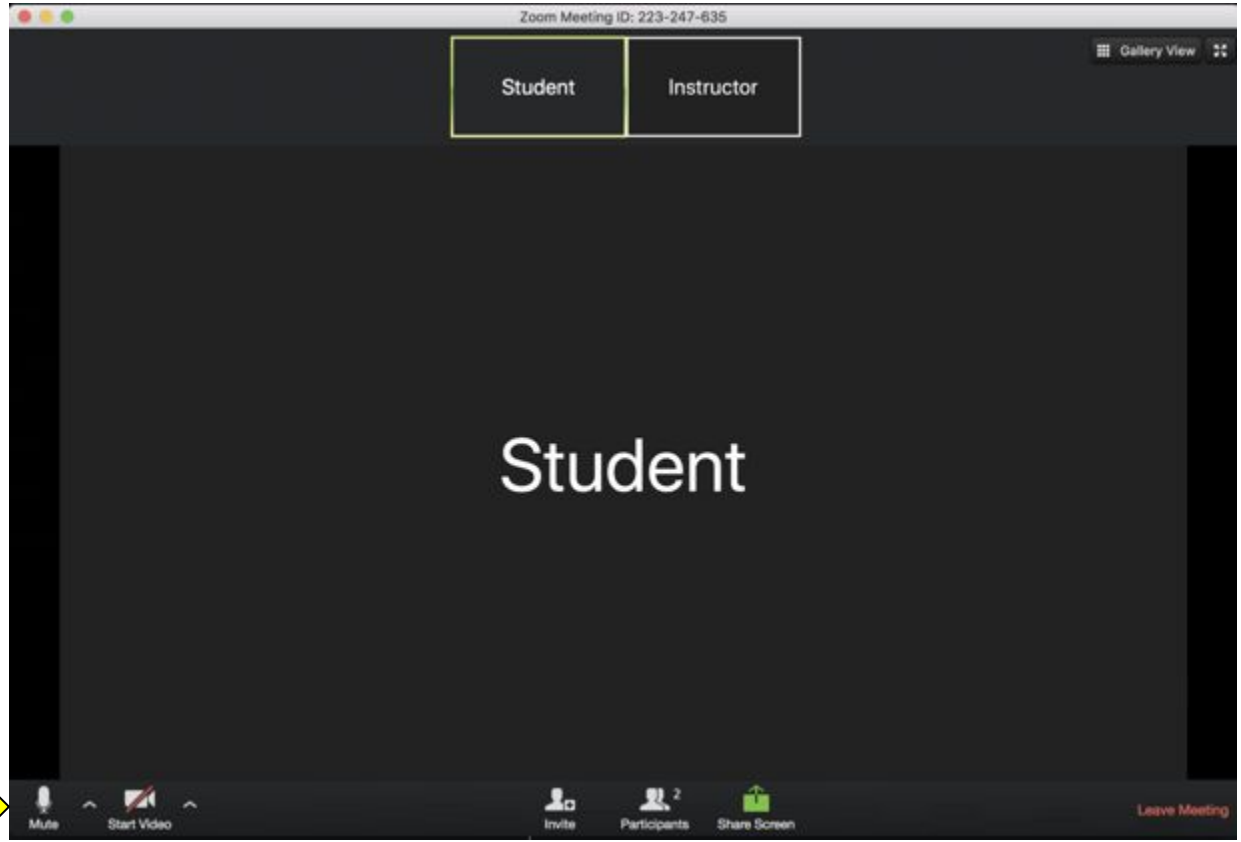
Web Development

Lesson 1.1



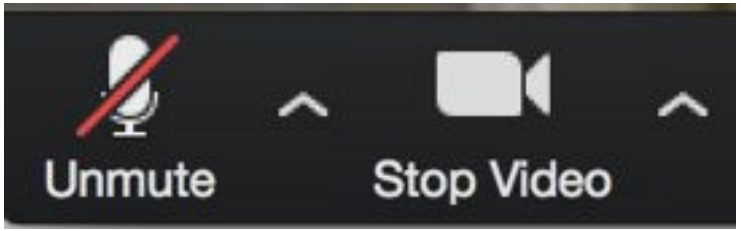
Just a few notes about Zoom before we begin

User Controls are located at the bottom of your Zoom



Microphone and Camera Settings

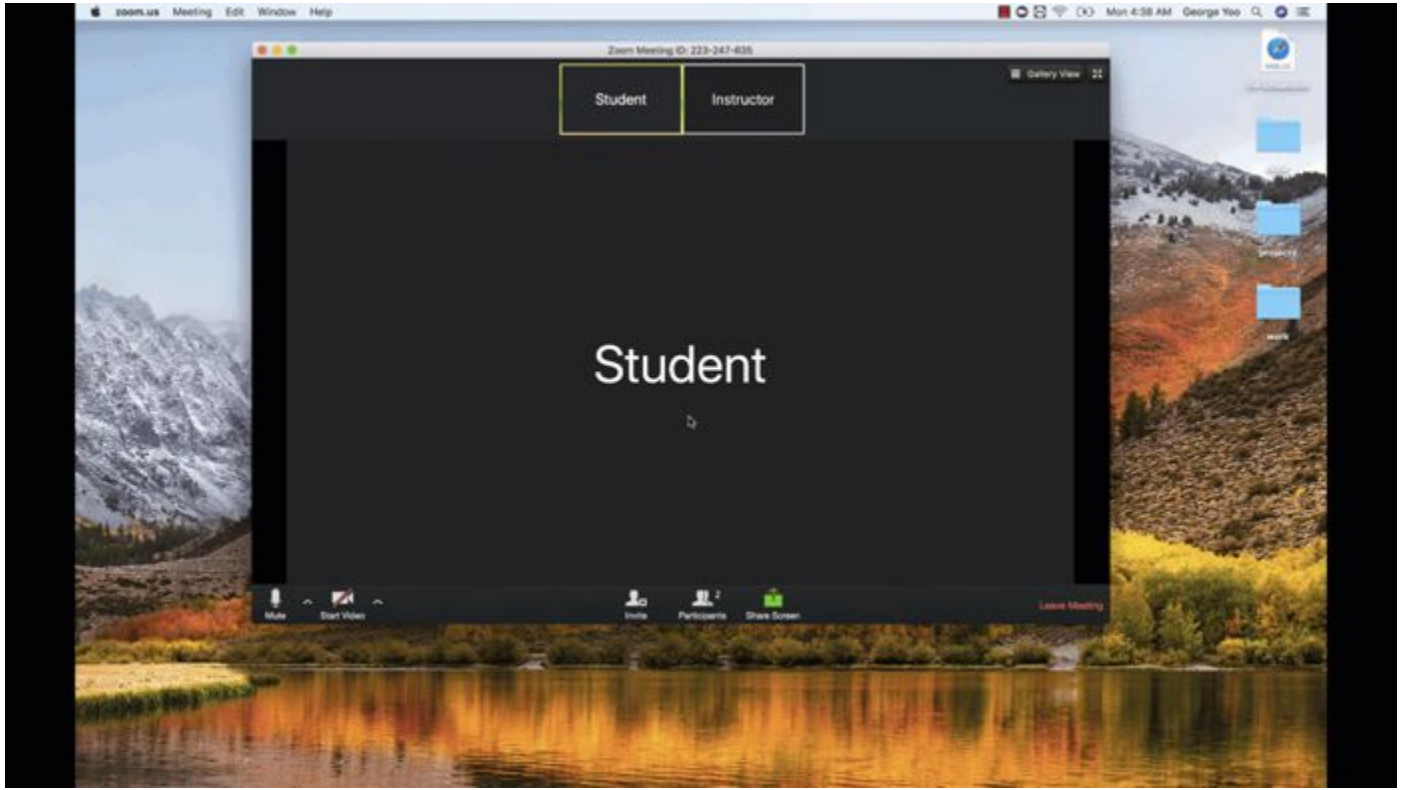
Mute yourself unless you’re speaking and leave video on during class so the instructor can see you!



Participant Window & Raise Hand

- Click “**Participants**” button to open menu (you’ll see a “**Raise Hand**” button here)
- You can also “**Lower Hand**” after raising in this menu

Participant Window & Raise Hand



Let’s Begin!

Office hours and class will be hosted on Zoom!

Online Class Tools

01

Slack.com

02

zoom.us

03

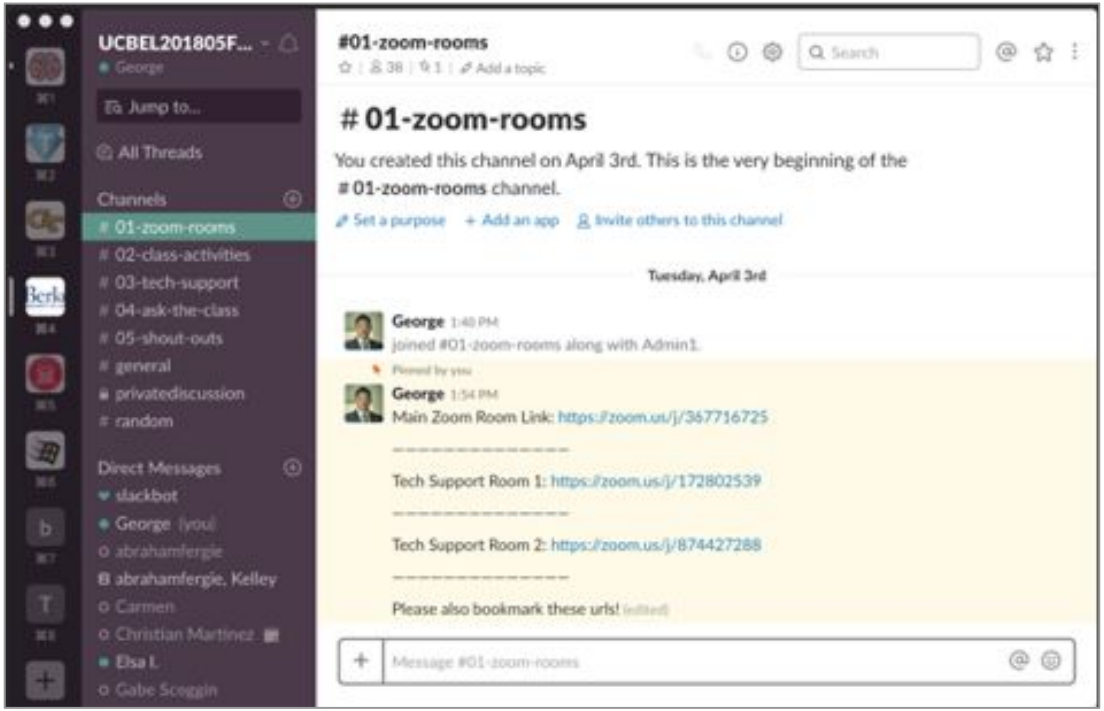
code.visualstudio.com

Everyone take a moment to download the Slack Desktop App if you haven't already!
https://slack.com/downloads/

Univ of Wisconsin: uofwvirtfsfpt-s036509

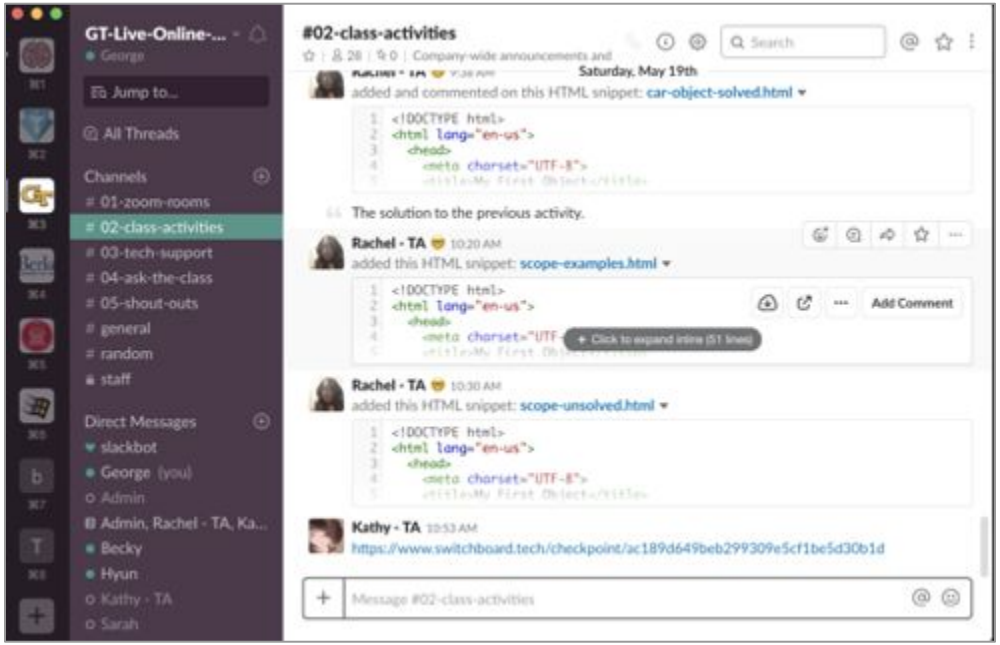
Slack Channels

#01-zoom-rooms



Slack Channels

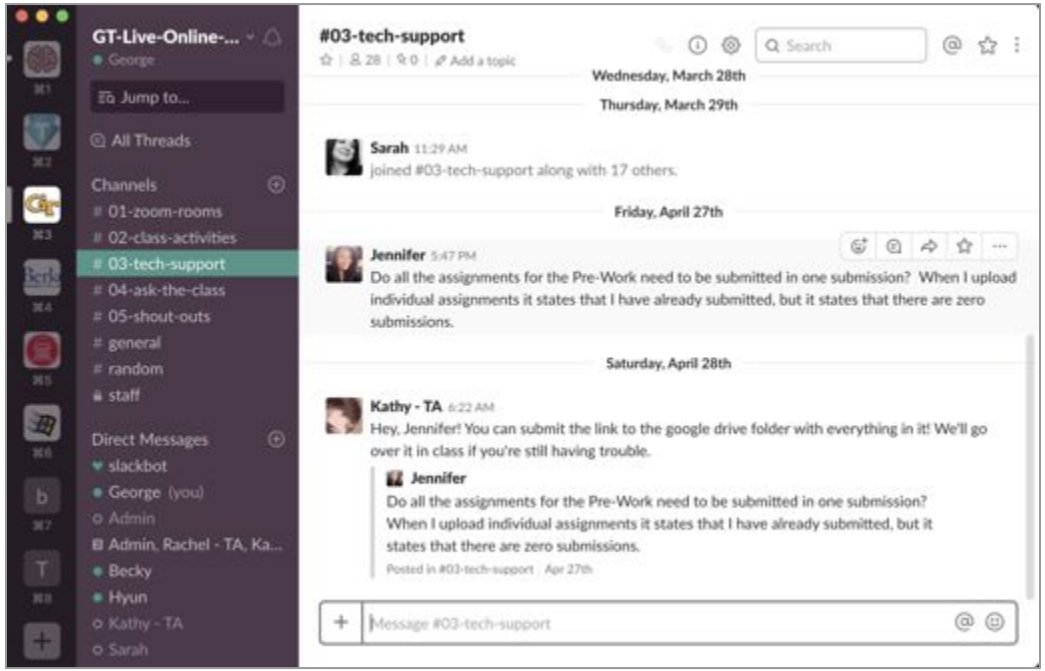
#02-class-activities



Activity files you'll work on during class will be posted in **#02-class-activities**.

Slack Channels

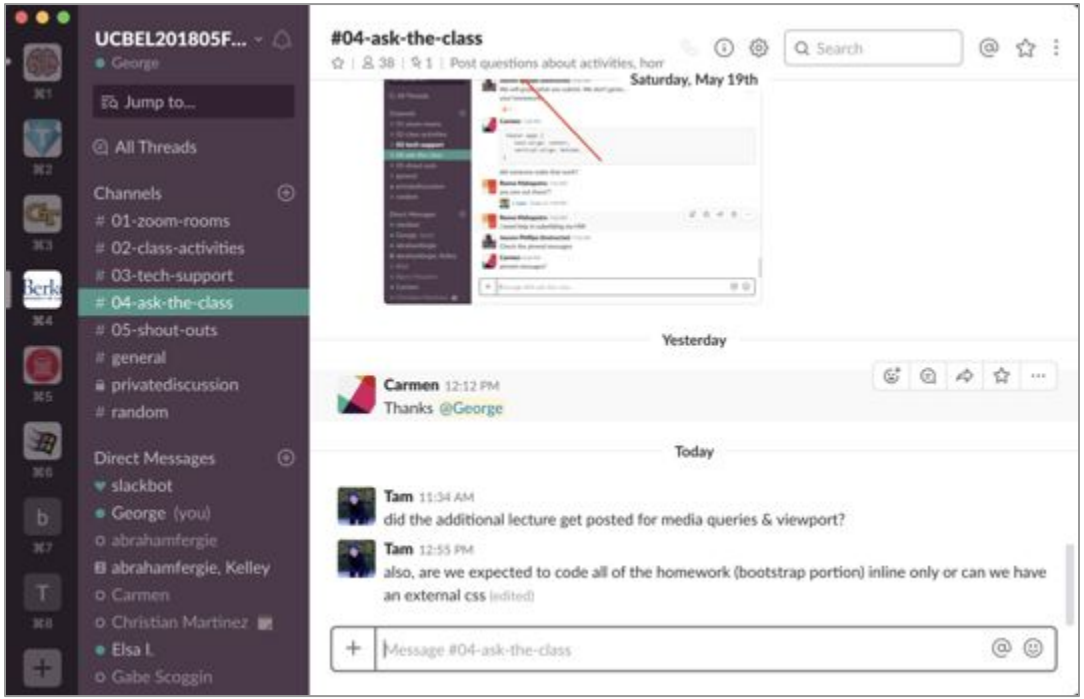
#03-tech-support



Technical difficulties?
Post in **#03-tech-support**.
Your instructional staff &
classmates can help.

Slack Channels

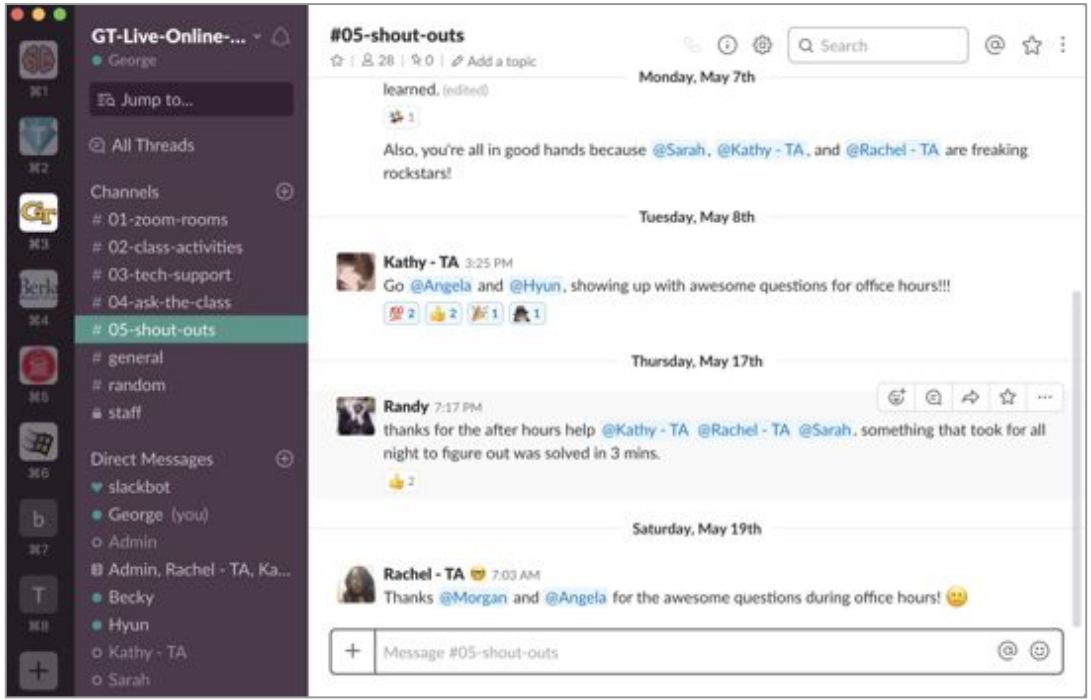
#04-ask-the-class



Post questions about activities, homework, and projects in **#04-ask-the-class**.
Your instructional staff & classmates can help.

Slack Channels

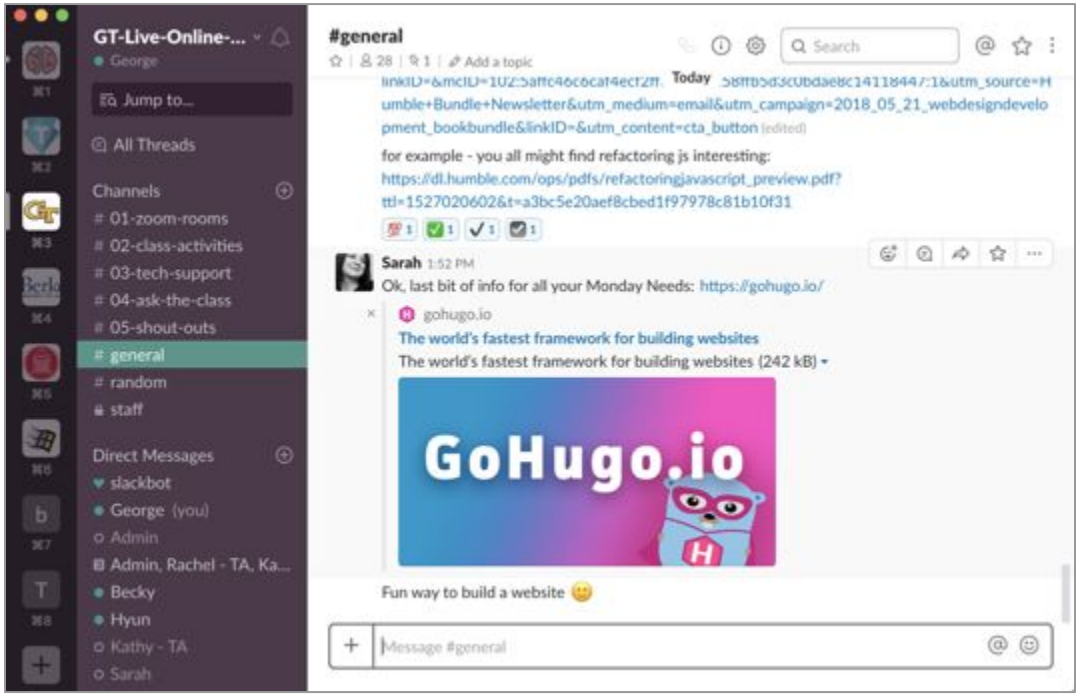
#05-shout-outs



Does someone deserve
a virtual high five?
Post it in **#05-shout-outs**
so we can celebrate each other.

Slack Channels

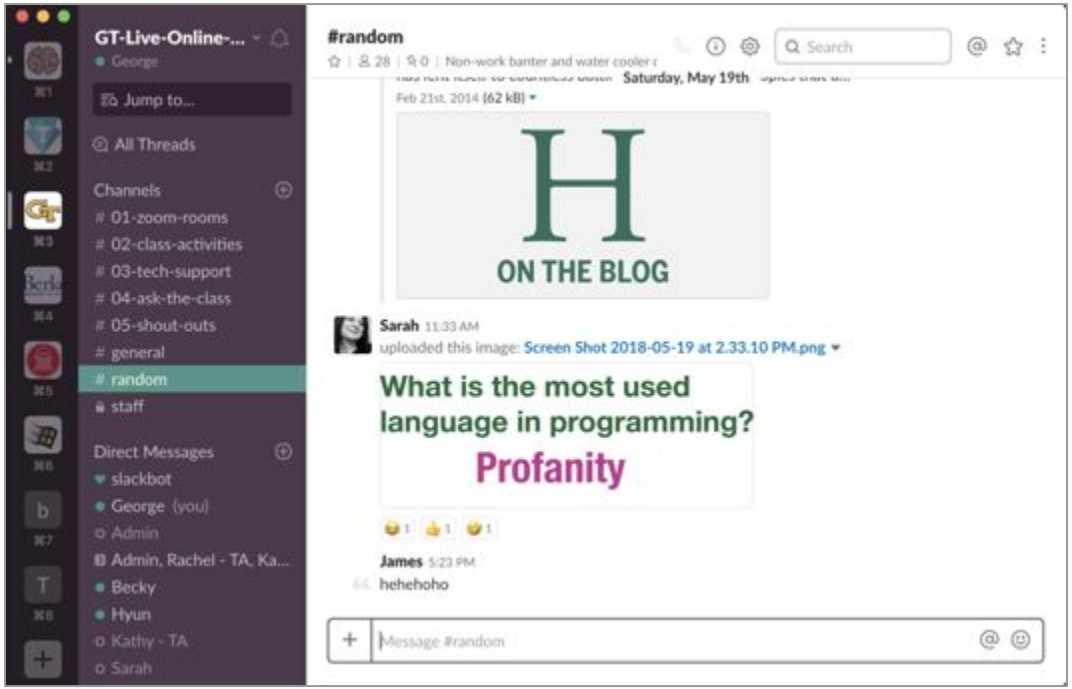
#general



General class announcements are posted in **#general**.

Slack Channels

#random



#random...Just like it sounds...

@donut will randomly pair everyone in **#random** every 2 weeks to encourage meeting classmates. Use this to find coding buddies, study groups, and expand your network!

Add your real name and picture to Slack.
It will help everyone start memorizing
each other’s names and faces!


zoom

Sign up for a personal Zoom account at Zoom.us

You can use your personal ID to meet with classmates outside of class hours

Make sure you're logged into your new Zoom account!

Next, click "**Zoom -> Preferences**"

Zoom Client Settings

Video tab:

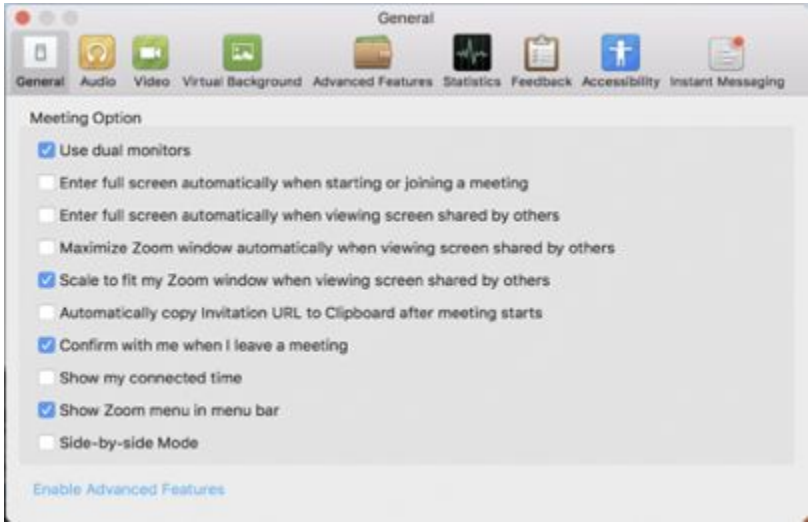
✔️ Check "*Always display participants name on their video*"

Zoom Client Settings

General:

✔️ Check "*Use Dual Monitors*" and

Uncheck "*Full screen auto upon entering meeting*"

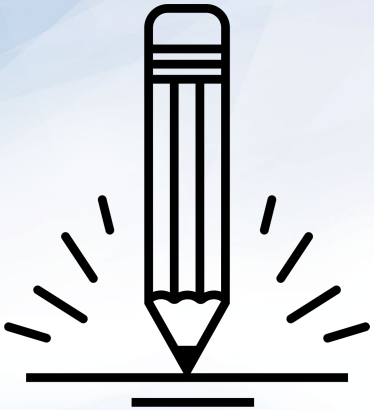


Zoom Client Settings

Accessibility:

✔️ Check “*Always show meeting controls*”

Use Gallery View to see all your classmates!

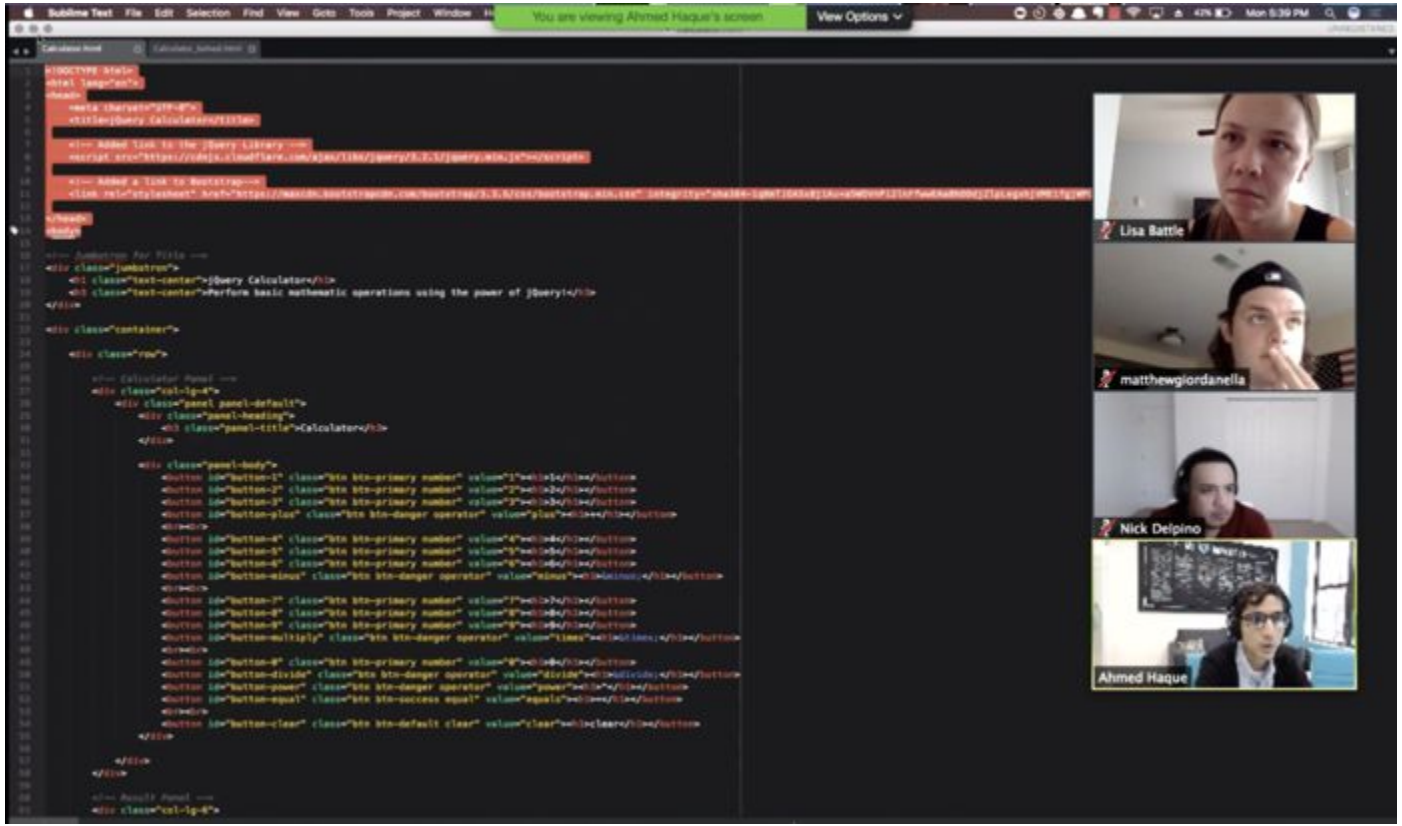


Activity:

Switch between “Speaker View” and “Gallery View” on Zoom!

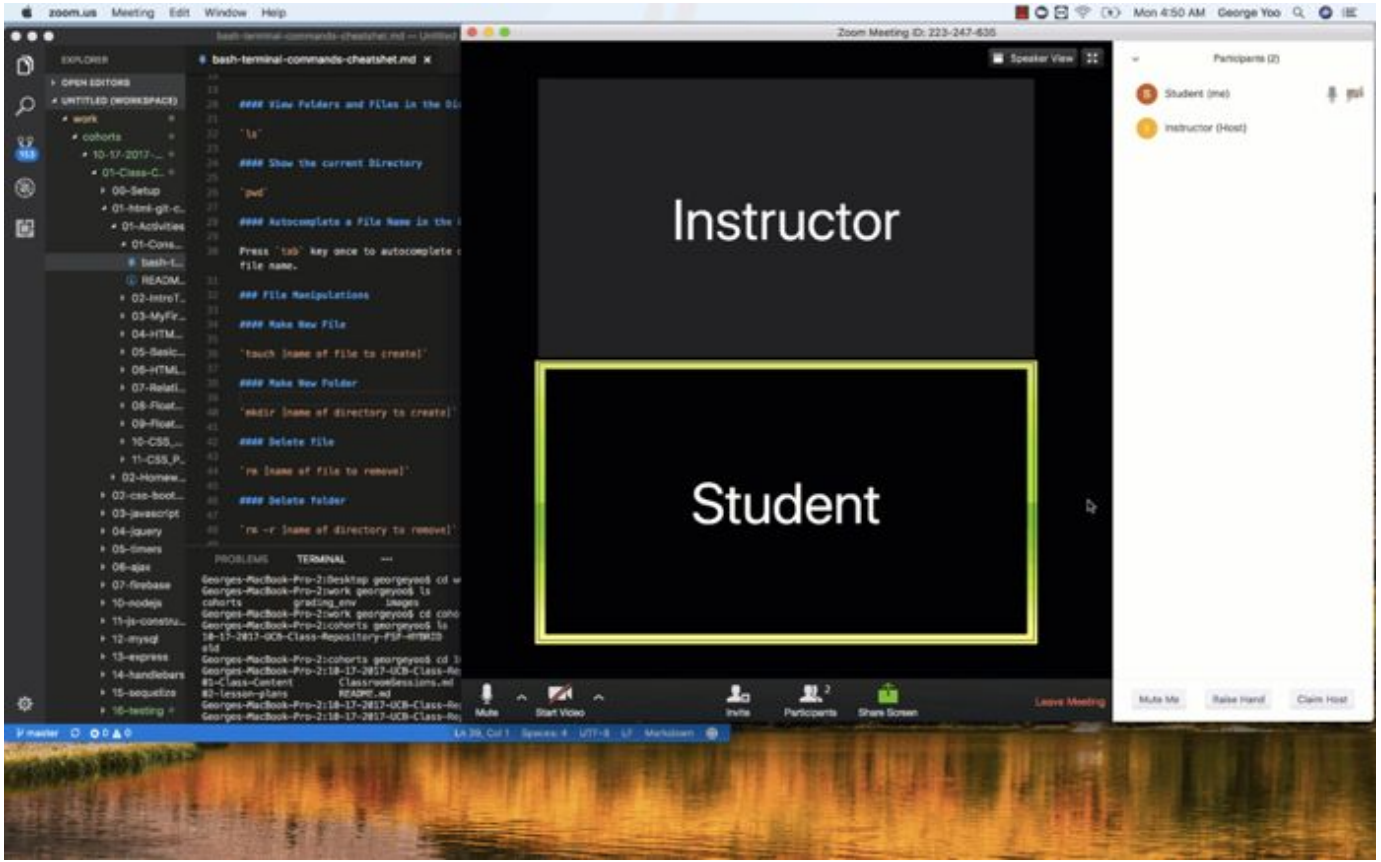
Suggested Time:
2 minutes

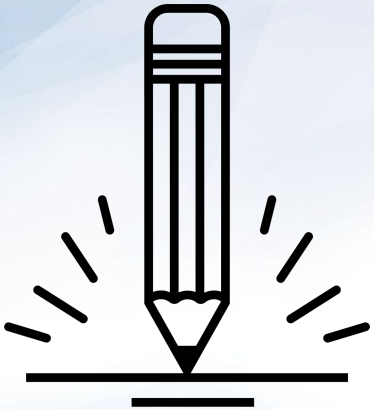
Instructor shares screen during lecture



Move the Participants tab to your other monitor to avoid covering the shared screen!

Students can share while asking/answering questions





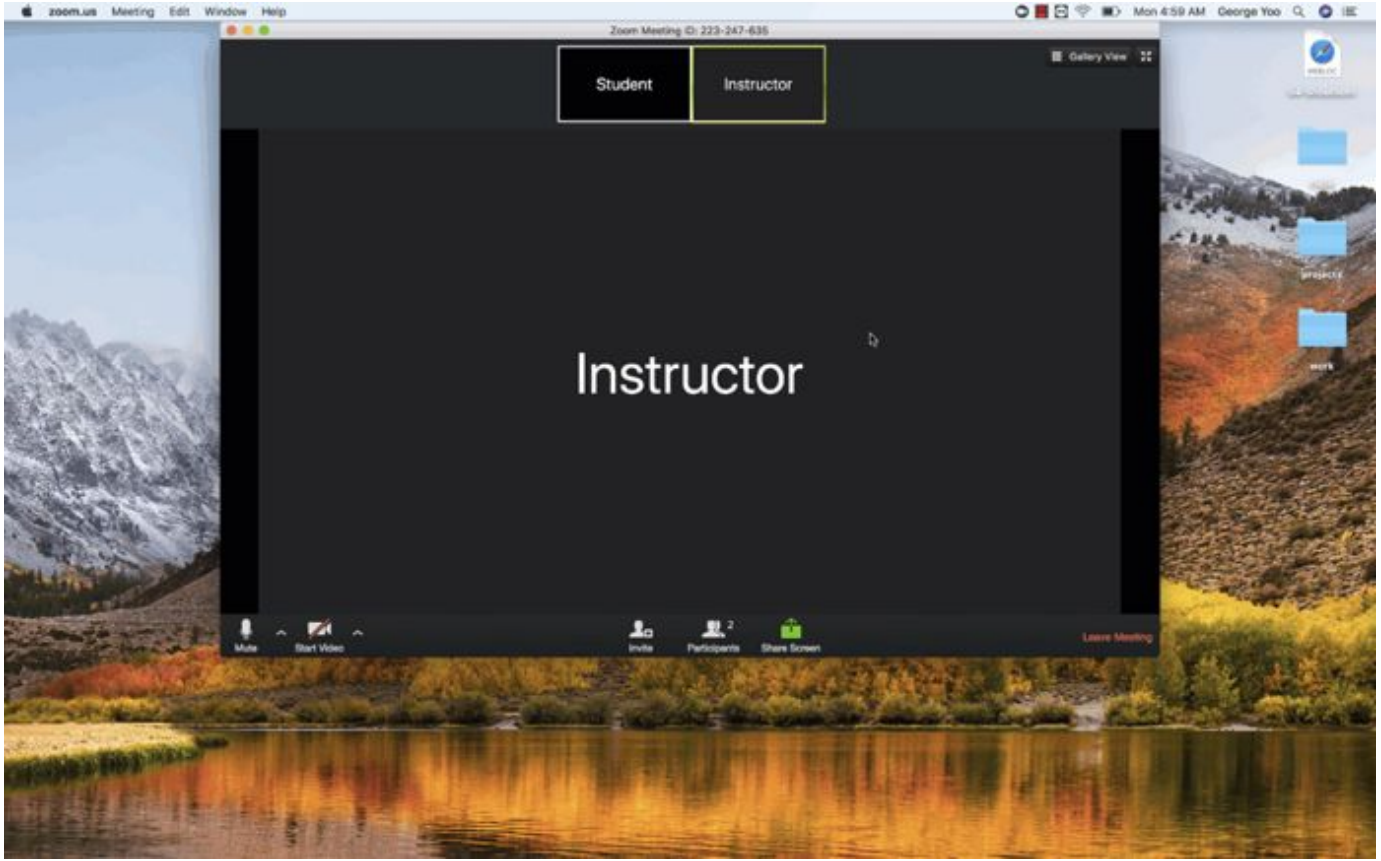
Activity:

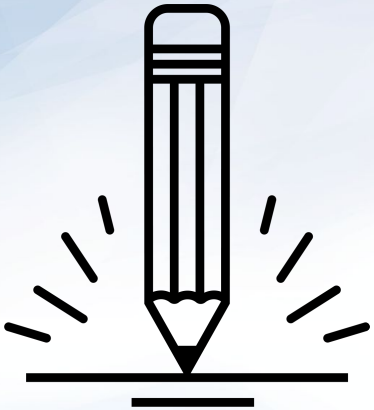
Share your screen with the class!

Suggested Time:
2 minutes

For group activities, you will receive a prompt to move into your breakout room.

Moving to group Zoom room for activities





Activity:

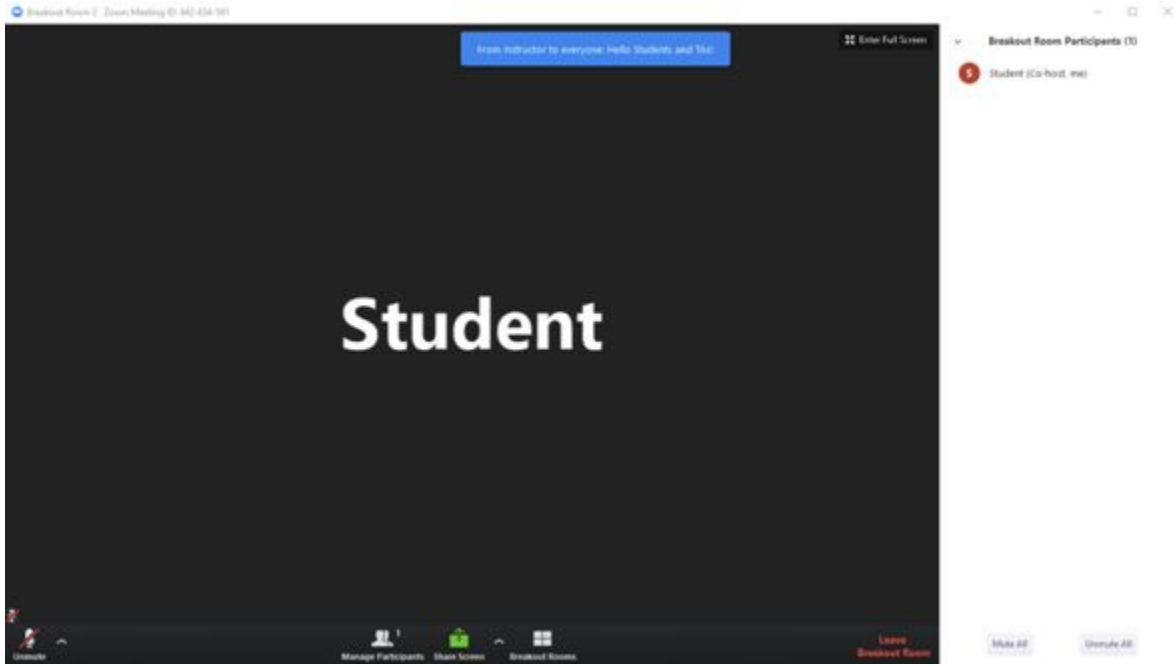
Join your breakout rooms when the prompt shows up!

Say “Hi” to your group mates and I’ll bring everyone back!

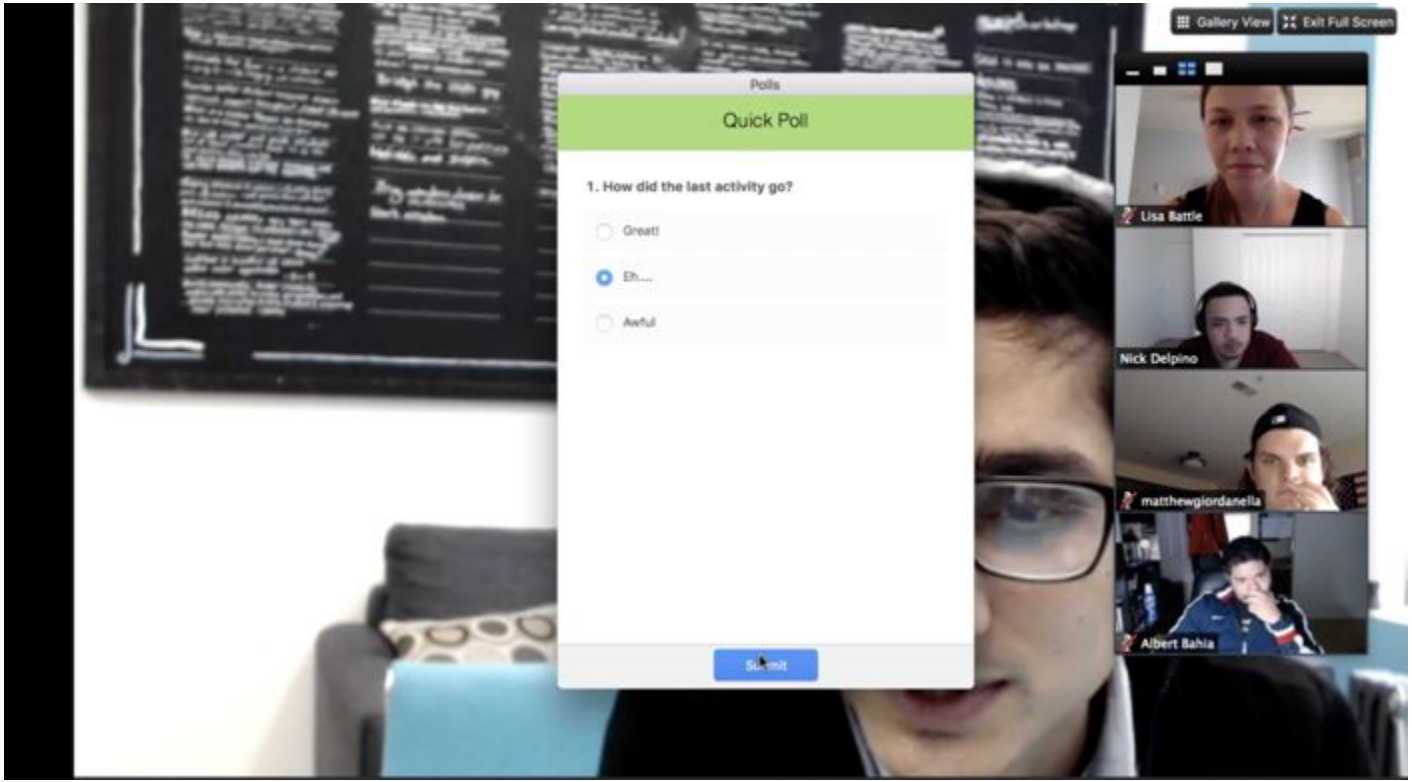
Suggested Time:
2 minutes

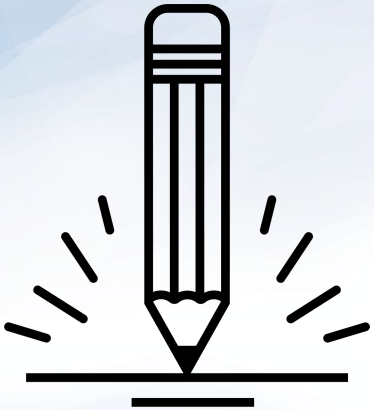
Broadcast Messages

Be on the lookout for Broadcast Messages from the instructor while in breakout rooms!



Anonymous Polls

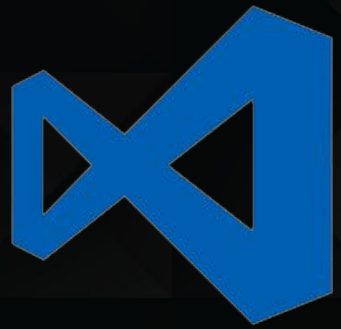




Activity:

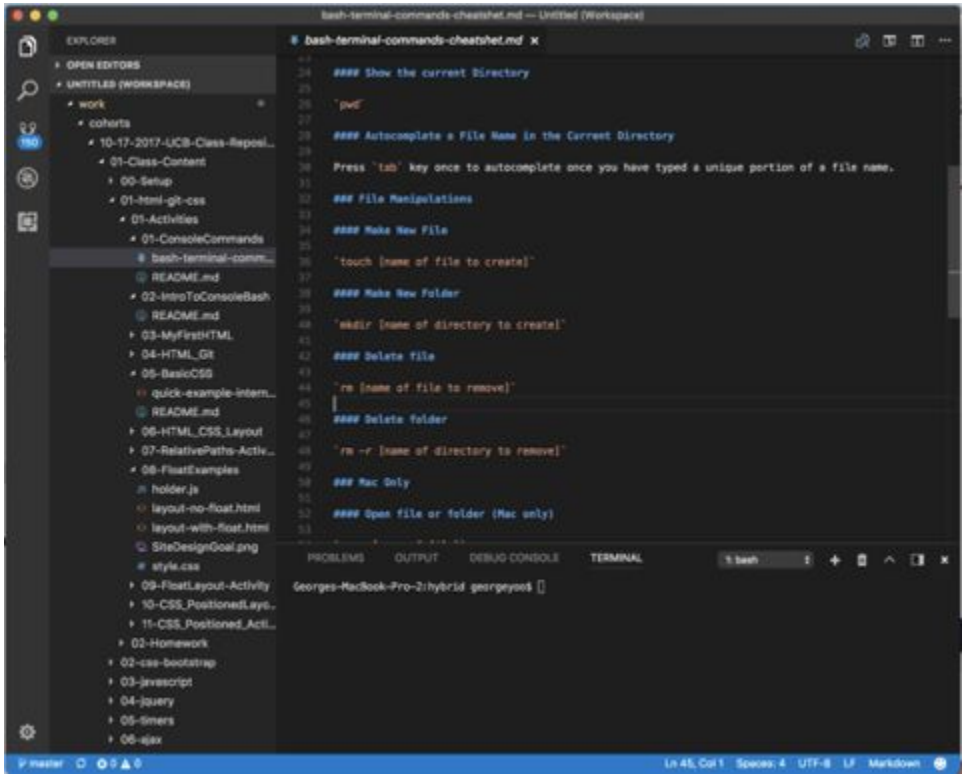
Take this poll to see how we're doing so far!

Suggested Time:
2 minutes



Visual Studio Code

Visual Studio Code is an editor for our code



Visual Studio Code should be installed on your computer

code.visualstudio.com

Daily Checklist

Before every class:

01 Open Slack

02 Open Zoom Main Room

03 Open Bootcampspot, mark attendance

04 Open Visual Studio Code, get ready to learn!

Setting up Your Screens

01 **Screen 1 (Projector)**

Zoom

02 **Screen 2 (Workspace)**

Slack
VS Code
Bootcampspot

Take a Break!

Async Video Guides
Navigate class recordings with a guide!
Available in your class repo

Extra resource: found in the **Supplemental** folder in the class repository

Live Online Web

Unit 1.2 Async Classroom Guide

BEFORE YOU START:

- Open the video link for today's class: https://youtu.be/MHKAZXDOBac
- Be ready with your activity files form class. You will need them to complete the day's activities.
- Review the day's objectives:
  - Understand the importance of Git Version Control and how to use it
  - Create GitHub repositories, push code into them, and share with the class
  - Make more HTML documents
  - Learn to properly use basic HTML tags
  - Implement basic CSS styling into HTML documents
- Be sure to write down any lingering questions that you'll want to take to office-hours.

00:06 to 01:14 - Class Introduction

Get ready. Do you have your activity files open? Your editor? How about a cup of water? Self care is important.

The next section covers a series of admin items. Don't skip it! While the video you will watch is based on a previous class, be mindful that many of these considerations might apply to your own class. Give it a watch, and take note of any follow-ups you might want to bring to office-hours.

Catch-Up Sessions

Held 6 times throughout the bootcamp

2-hour Zoom sessions led by TAs

Student Collaboration
Pair-Programming Guidance

Collaborating with your Fellow Coders!

One of the biggest advantages of being in a classroom setting is the network of fellow developers you build. You are in a safe space to make mistakes, learn how to talk through your code, talk through your thought processes out loud, and practice what it's like to explain your code and work through problems with a team before you're in an interview or in the workplace!

Additionally, your fellow coders will also become hiring managers and employees of companies looking for more developers in the future. Now is the perfect time to get to know each other!

What is Pair Programming?

Pair programming is a technique often used in agile development where 2 coders work together on a single computer. There is a **Driver** and a **Navigator**.

Why do this? Because two heads are better than one! By pairing with a fellow coder, you are able to focus your attention on one piece of the puzzle. Both the Driver and Navigator are crucial! Together, both coders will learn from each other and complete a better overall project.

Pre-work

Questions?