SER 321 B Session

SI Session

Sunday October 15th 2023

7:00 PM - 8:00 PM MST

Agenda

{
- What is SI?
- About Me
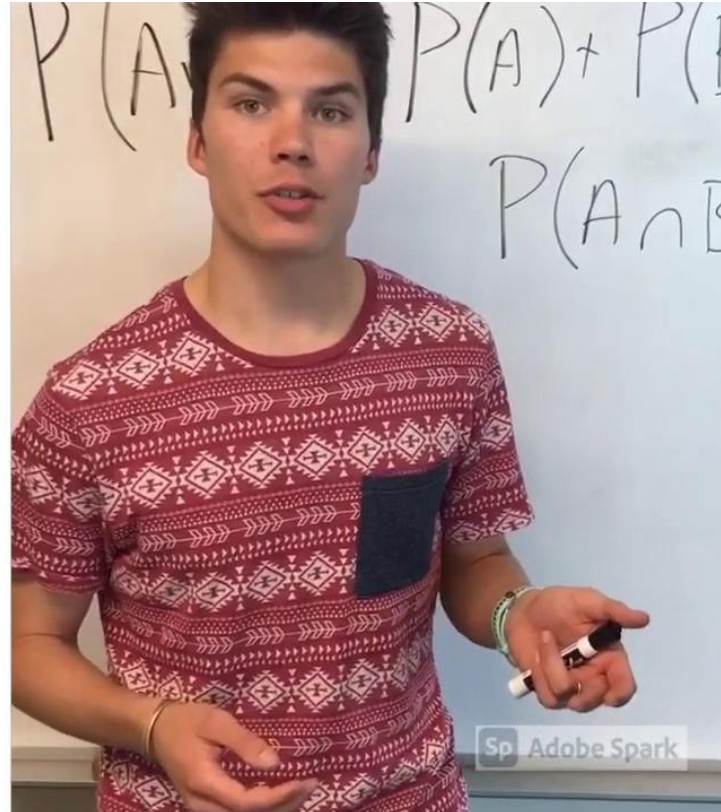- Session Times & Expectations
- Setup
- OSI Lower Layers
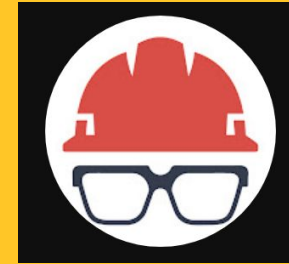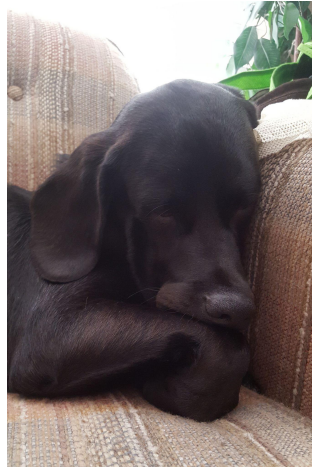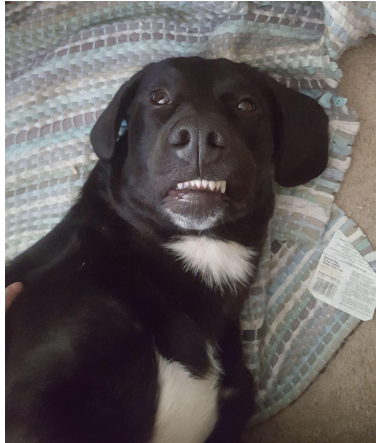
What is SI?

3

About Me
Katie

- Born and raised near Chicago, Illinois
    - Moved around within the Northern Suburbs
    - Currently in Grayslake
- Work at a family-owned Italian restaurant

- Received AS from my local Community College
- Transferred to ASU at the start of 2020
- Majoring in Software Engineering
- Runs in the family
    - Father is a Software Architect
    - Mother is a Quality Assurance Analyst

About Me
Katie

- Hobbies:
  - Gaming
  - Football (Go Bears!)
  - Reading
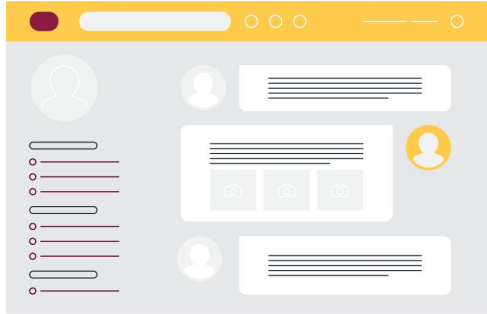 - Learning in general
  - My fur babies 😊

SI Session Expectations

Thanks for coming to the **SER 321** SI session. We have a packed agenda and we are going to try to get through as many of our planned example problems as possible. This session will be recorded and shared with others.

- If after this you want to see additional examples, please visit the drop-in tutoring center.
- We will post the link in the chat now and at the end of the session.
- Please keep in mind we are recording this session and it will be made available for you to review 24-48 hours after this session concludes.
- Finally, please be respectful to each other during the session.

Interact with us:
Zoom Features

Zoom Chat

- Use the chat feature to interact with the presenter and respond to presenter's questions.
- Annotations are encouraged.

SER 321:
Tips for Success

- Start assignments early

- Ask questions right away!

- Commit a lot

- Use the example repo

- Debugging is *huge*, plan accordingly

- Use the resources available to you - that includes the teaching team!

SER 321: SPARKY PSA

Appeal

Workspace: 2023FallB-X-SER321-75676

Please enter all the information required for your appeal.

If you need to attach images/screenshots please add them to your Canvas submission as COMMENT!

Which course is this for (eg. SER316 B)

Write something

Which assessment is this for (eg. Assignment 3)

Write something

Include a detailed description including proof and a reason for your appeal. Additional images, screenshots etc should be added as **comment** -- not re-submission -- in you Canvas submission.

Your Appeal, provide detailed information why

Write something

Cancel   Submit

/sparky_appeal

Ask a Question

Workspace: 2023FallB-X-SER321-75676

💥 Select to privately ask the teaching team, we will contact you 🚀

☐ Send privately

Unfortunately, it is not possible to attach images yet. If you need to attach an image you would need to share it through a link, e.g. `http://placekitten.com/500/500` or for public questions in a thread. Hints for formatting your message see this `page`

👋 Select the relevant channel to ask your question!

Channel

assignment1

Question

Write something

Cancel   Submit

SER 321:
Tips for Success

Attack the assignments one step at a time

They can seem daunting but they have extra points available

Dr Mehlhase also gives points for different levels of completion

    Means it's *always* better to turn something in to get some sort of credit

SER 321:
Setup

Any questions on AWS or GitHub setup?

Should have gradle 7.4.2 on your AWS instance

Should have Java 17 or 18 on your AWS instance

Should fork the Examples Repo

    One copy on your main machine

    One copy on your AWS instance

GitHub has some excellent [documentation](#) on setting up and troubleshooting SSH connections!

SER 321:
Gradle

Very important to understand how to use and manipulate build.gradle
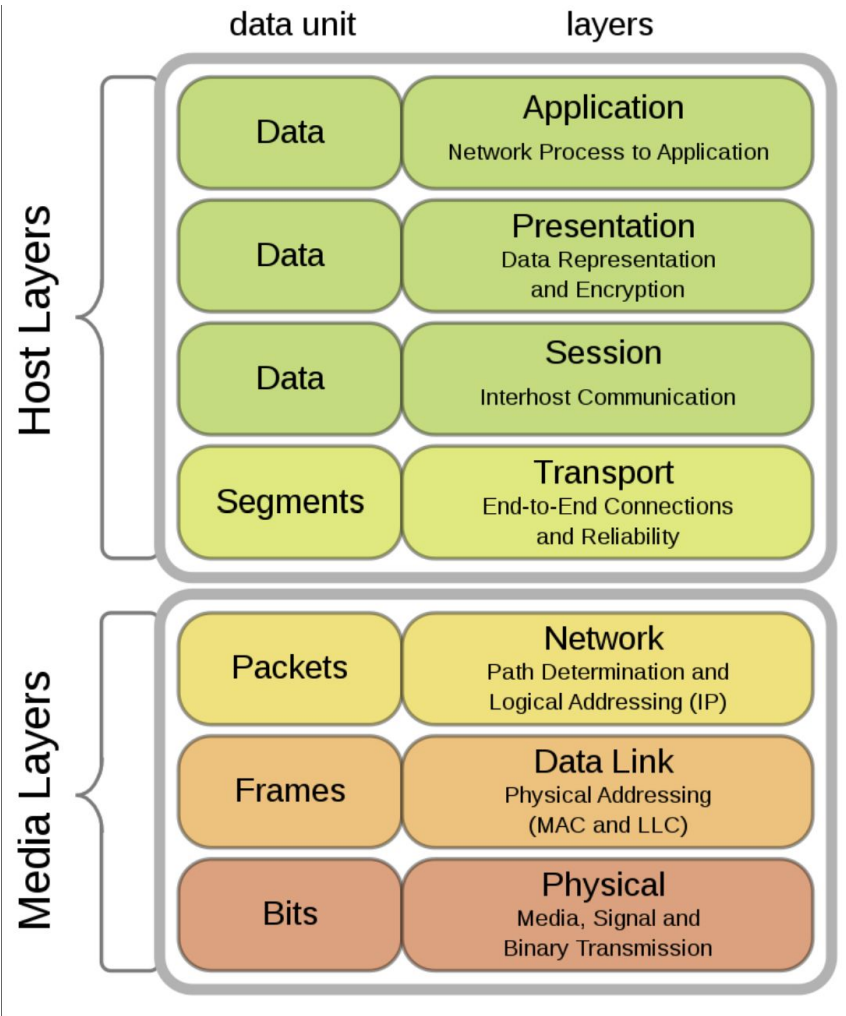
Use the videos [provided](#)!

Use the [Gradle Documentation](#)

Let's look at the gradle file for the JavaSimpleSock2 example and walk through it.

SER 321:
OSI Model

Lower Layers

SER 321:
Network Layer

The "IP" layer

No guarantee of delivery - going to try really hard

Think camping with no signal

Sort of like a delivery service - will try to find the location given but may or may not

actually locate the destination

Network:
Subnet:
Host:
Port:

Think fast! Which of the following correctly identifies the different pieces of an IP address?

A.

128.148.32.110:8080

B.

128.148.32.110:8080

C.

128.148.32.110:8080

D.

128.148.32.110:8080

Check out the recording for the solution!

Can we list some differences between TCP and UDP?

TCP	UDP

Check out the recording for the solution!

Questions?

Survey:
https://bit.ly/asn_survey

More Questions?

Check out our other resources!

tutoring.asu.edu

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Academic Support

Academic Support Network (ASN) provides a variety of free services in-person and online to help currently enrolled ASU students succeed academically.

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Need in-person or online help with math, science, business, or engineering courses? Just hop into our Zoom room or drop into a center for small group tutoring. We'll take it from there.

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View the tutoring schedule

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Go to Zoom

Writing Tutoring

Need help with undergraduate or graduate writing assignments? Schedule an in-person or online appointment, access your appointment link, or wait in our drop-in queue.

Access your appointment link

Access the drop-in queue

Schedule Appointment

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1- **Go to Zoom**

Need help using Zoom?

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View digital resources

1. **Click on 'Go to Zoom' to log onto our Online Tutoring Center.**
2. **Click on 'View the tutoring schedule' to see when tutors are available for specific courses.**

More Questions?
Check out our other resources!

tutoring.asu.edu/online-study-hub

Don't forget to check out
the Online Study Hub
for additional resources!

Additional Resources

[CoureRepo](#)

[GitHub SSH Docs](#)

[Gradle Documentation](#)