SER 321 C Session

SI Session

Sunday, June 2nd 2024

6:00 pm - 7:00 pm MST

Agenda

- JSON Review
- Assignment 3-2 GUI
- Sockets!
  - Basic Needs
  - Properties
  - Generic Steps for Use

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.
  - tutoring.asu.edu
- 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

org.json Docs

JSON Guide

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JSON

How many Objects?

How many Arrays?

How many Members?

```
{
  "name": "lab3vue_act3_kgrinne3",
  "version": "0.0.0",
  "private": true,
  "scripts": {
    "dev": "vite",
    "build": "vite build",
    "preview": "vite preview"
  },
  "dependencies": {
    "vue": "^3.3.4"
  },
  "devDependencies": {
    "@vitejs/plugin-vue": "^4.3.1",
    "vite": "^4.4.9"
  }
}
```

Check out the recording for the solution!

org.json Docs

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JSON

```
JSONObject json =
```

What if I want to see if name exists first?

How about the dev value?

```
{
  "name": "lab3vue_act3_kgrinne3",
  "version": "0.0.0",
  "private": true,
  "scripts": {
    "dev": "vite",
    "build": "vite build",
    "preview": "vite preview"
  },
  "dependencies": {
    "vue": "^3.3.4"
  },
  "devDependencies": {
    "@vitejs/plugin-vue": "^4.3.1",
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  }
}
```

Check out the recording for the solution!

JSON Guide

javax.swing API

Swing Tutorials

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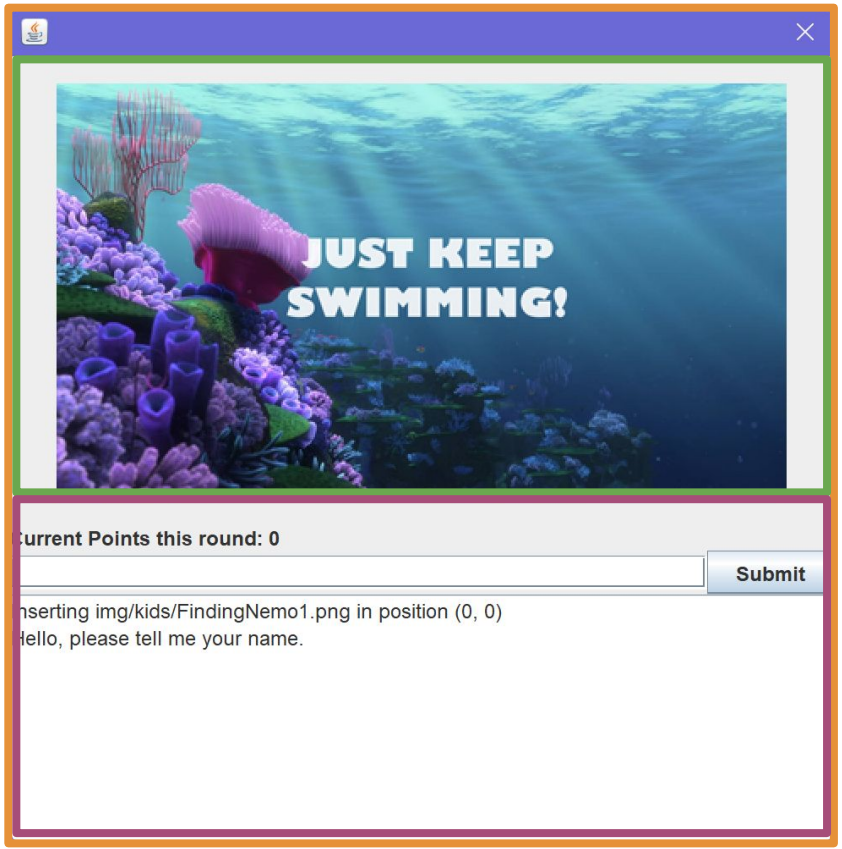
Assignment 3-2 GUI

🌟 GUI Walkthrough 🌟

Frame



picPanel

outputPanel

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Assignment 3-2 GUI

ClientGui
Points of Interest!

Line	Item
58	Constructor
86	Calling newGame()
114	show()
125	newGame()
139	insertImage()
(154)	appendOutput()
165	submitClicked()

Check out the recording for the walkthrough!

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Client/Server

Think Fast - Client or Server?

```
String host = args[0];
Socket server = new Socket(host, port);
System.out.println("Connected to server at " + host + ":" + port);
```

Check out the recording for the solution!

SER 321
Client/Server

Think Fast - Client or Server?

```
Socket clientSock;
ServerSocket sock = new ServerSocket(port);
System.out.println("Server ready for connections");
```

Check out the recording for the solution!

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Scratch Space

Questions?

Survey:

http://bit.ly/ASN2324

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Upcoming Events

SI Sessions:

- Monday, June 3rd at 6:00 pm MST
- Thursday, June 6th at 6:00 pm MST
- Sunday, June 9th at 6:00 pm MST

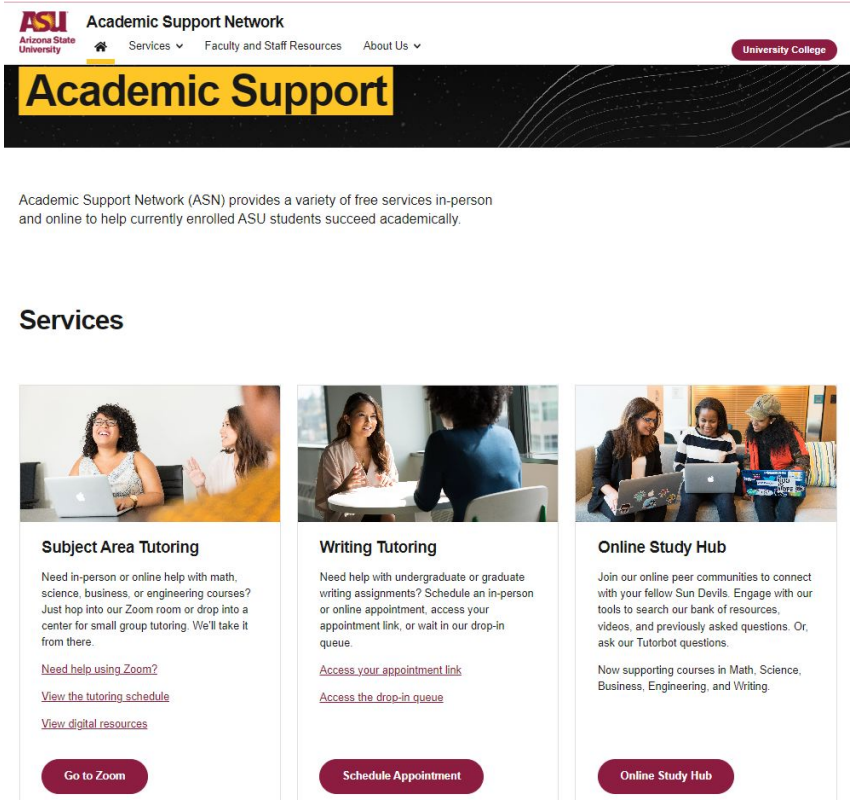
Review Sessions:

- Review Session - **Wednesday**, July 3rd at 6:00 pm MST (2 hr Session)
- Q&A Session - Sunday, July 7th at 6:00 pm MST (Final Session)

More Questions?

Check out our other resources!

tutoring.asu.edu

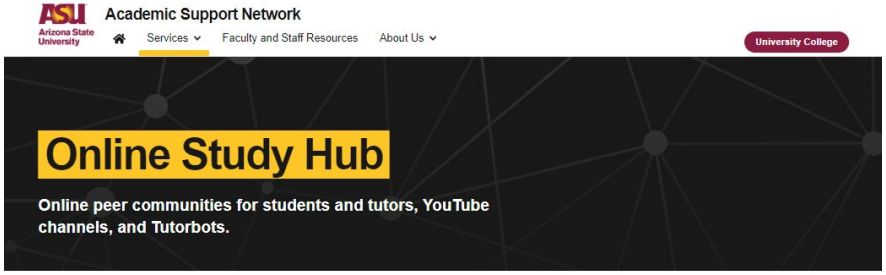


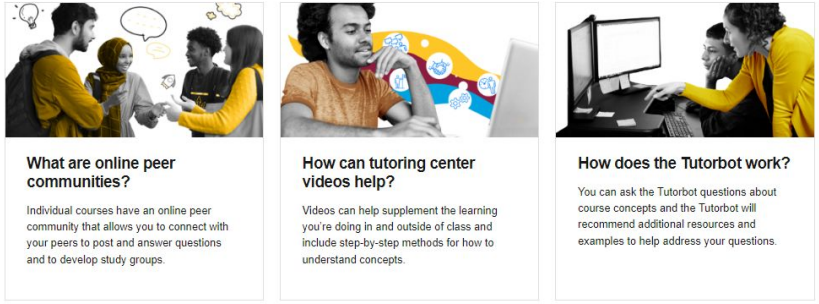
1. **Click on ‘Go to Zoom’ to log onto our Online Tutoring Center.**
2. **Click on ‘View the tutoring schedule’ to see when tutors are available for specific courses.**

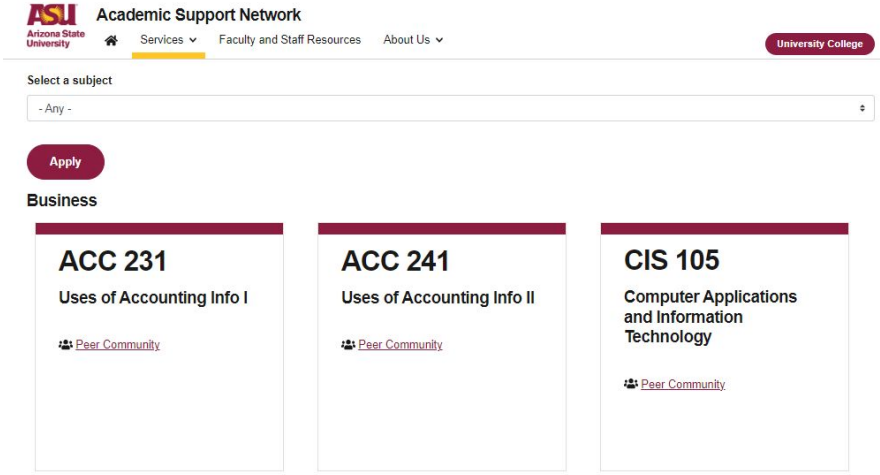
More Questions?

Check out our other resources!

tutoring.asu.edu/online-study-hub



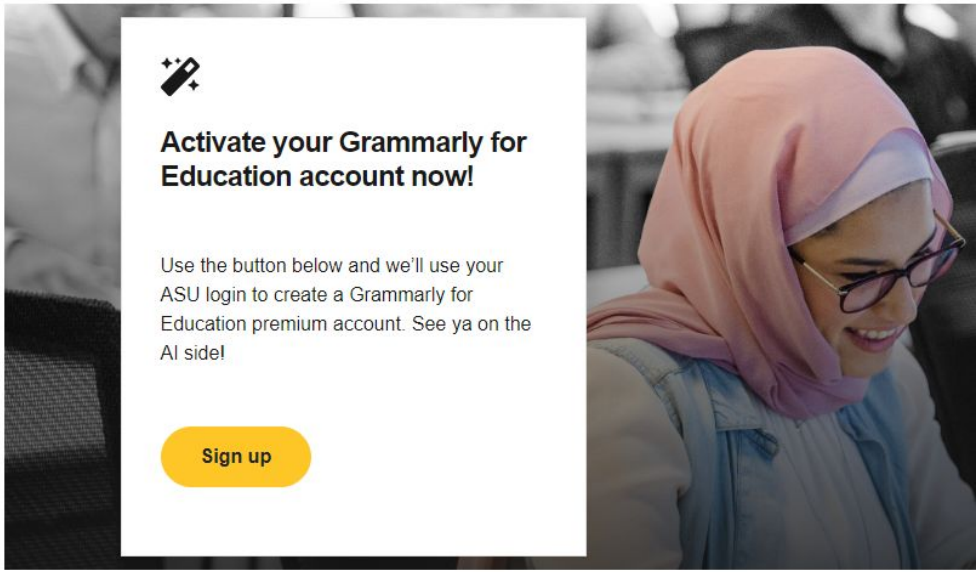




Don't forget to check out the Online Study Hub for additional resources!

Expanded Writing Support Available

Including Grammarly for Education, at no cost!



tutoring.asu.edu/expanded-writing-support

*Available slots for this pilot are limited

Additional Resources

- Course Repo
- Gradle Documentation
- GitHub SSH Help
- Linux Man Pages
- OSI Interactive
- MDN HTTP Docs
  - Requests
  - Responses
- JSON Guide
- org.json Docs
- javax.swing package API
- Swing Tutorials