## Overview

The goal of this project is to develop a seating algorithm that allows a user to book and unbook seats in an auditorium. Additionally, there will be an admin account with more functionality. The program must also remember selections from previous runs.

## Constraints

* Must work alone and not get help of any kind from other students

## Available Resources

* All material available online
* Provided course material
* Instructor

## Challenges

* JList
* Spacing proved problamatic

## Simple Tasks

* Panel Layout
* Reset Button
* Print seats button

## Order of Accomplishments

1. Plan out development process
2. Sift through previous projects for potential solutions
3. Setup basic North, South, West, & Center formatting
4. Develop the 10\*10 grid layout with the labels and buttons
5. This was largely taken from the gridLayoutChallenge project
6. Construct the Client object
7. Develop the JList of clients
8. Allow Book / Unbook feature
9. Reset Button
10. Print assigned seats button

## Resources Used

* Course material
* Stack Overflow
* Google
* W3 Schools
* GeeksForGeeks

## Conclusion

This was an enjoyable proof of concept project.