Next Meeting for Final:

Check in on google chat Wednesday to schedule next meeting.

Brain Storm:

- (Patrick)Blackjack/21 card game using images of cards to show your hand
    - I have a version in c++ that could be converted to python
    - Made this in Java a few years back so it would be easy to convert as well - Holmes
- Slot Machine(Holmes)
    - Made one of these in C++ years ago. Concept is fairly easy, and using JES the image shouldn't be too hard to display - Holmes
- Text Based Game (Seals)
    - Use short music/sound files for different rooms/events
    - Player could upload their photo to be used as their character picture, we would then manipulate the image somehow, make it look like it was being displayed on one of the old VGA computer screens….with crappy graphics
    - We would just sort of be building upon our last group project, perhaps we would also have time to write a main controller function to eliminate program termination errors. Kind of low hanging fruit but we've already got a good start at the very least…
- (Michael)We could do rooms of puzzles where the user has to put things back together to open the door
    - Text would be hangman plus movement
    - Image could be calling a specific sequence of changes to an image
    - Sound could be putting snippets back together to reveal a movie quote or something
- (Patrick) Take an image and break it up into a puzzle that the user has to piece back together.

The Puzzle Room

➔ Description
- ◆ So we are creating an interactive room that the player will walk through and as they come across certain objects that will initiate a puzzle. Once the player solves a certain number of puzzles they can leave the room or receive a prize.

➔ Milestones
- ◆ Create the individual Puzzles
- ◆ Bring it all together
    - What will initiate the puzzle?
- ◆ PowerPoint presentation
- ◆ 1 min video each

➔ The Build Up

- Room 1 the intro
- Other 4 rooms with different puzzles
  - Mike: sound snippets - put sound snippets back into order to get a movie quote
  - John:Intro/Team Video Introduction
  - Patrick: Picture puzzle/Jigsaw Puzzle
  - Buckey: hangman room or trivia room?
  - Holmes: Memory Matching game
- Win/Lose Condition

➔ Prepare a powerpoint presentation for your project
- Objective - what are you planning to accomplish for the final project?
- Approach - what approach have you taken towards the objective? who is working on what?
- Results - what have you achieved so far? explain this for each individual team member.
- Demo - can you demonstrate anything? add screenshots of your application running with descriptions
- Top three things you learned or three skills you developed through this course

➔ Extra points: make a 3-5 minutes video presentation

Requirements:

Your final project is your choice. Use what we've learned, your final project will contain at least two of the following components:

- image manipulation
- sound manipulation
- text based games

For example, you can create a text based music composer, or visualize sound, just to name a few ideas.

Deliverables:

The following are due mid-night next Tuesday December 5th. You can work on final project as a team.

- Final project proposal:
    - Final project identified
    - Discuss with your team and develop answers to questions in the form
    - Complete the form (Save the edit responses link for future reference)
- Status update with your team and update Google doc with status page - **please submit links to your Google doc**
    - Any progress since last week
    - What is your plan for final project
- Don't forget to share your project's source and various changes on GitHub - **please submit links to your GitHub repository**.

The following are due mid-night Tuesday December 12th

- You will turn in to me the python file (.py extension only) for your final project, other source files, etc
- Prepare a powerpoint presentation for your project
    - Objective - what are you planning to accomplish for the final project?
    - Approach - what approach have you taken towards the objective? who is working on what?
    - Results - what have you achieved so far? explain this for each individual team member.
    - Demo - can you demonstrate anything? add screenshots of your application running with descriptions
    - Top three things you learned or three skills you developed through this course
- Extra points: If group can make a 3-5 minutes video presentation together and submit the link to their video, each participated member gets extra 20 points
- Project work submission in zip file
- Each member need to submit to your iLean account individually to earn points