**Silas Riggs**
Create a Snake Game Using  The GASP Module


**Richard Martinez**
Pygame GASP Livewires Port of games.py
https://github.com/livewires/python/blob/master/module/livewires/games.py


**Jack and Jack**
OOP based Enigma cipher machine simulator using Bottle for web integration (Bottle will be used so that we have a back end server instead of all front end)

Enigma: https://en.wikipedia.org/wiki/Enigma_machine
Bottle: https://bottlepy.org/docs/dev/


**Jane Pilkerton**
Continue working on robot buggy so that it is able to move on it's own and program movement


**Meiji Pham**
I will continue to work on my first semester project by updating my chatbot. I will add more speech to the bot with more functions and use tkinter to move the chatbot to a GUI instead of running it on the terminal.

Tkinter: https://docs.python.org/3/library/tkinter.html
Twilio phone call API:
https://www.twilio.com/blog/make-phone-call-python-twilio-programmable-voice


**Alex F, Alex A, Josh, Daryus**
We will develop the program which AlexF made last semester further. The first priority is to add encryption (alex f and josh), then  create an account system (probably using SQL to store info) and log all data (daryus and alex a), create diffrent communication channels (alex f and josh), and if we have time put it into a website (daryus and alex a). Until it is put into a website it will remain running with curses for the UI. Additionally I want to use the standard library as much as possible to make it easier to run.


**Liam Brown**
I want to recreate akinator (basically 20 questions) using python and sql. I don't know how to get sql and python to interact, so that is what I will learn from this. That learning will happen early on, so if I don't finish the game, I will still have gotten all the learning out of it.


**Arron Birhanu**
Mini Rock paper scissors game. Sticking to utilizing tkinter library - gui https://pythonistaplanet.com/python-

[tkinter-project-ideas/](#)
User vs Computer (automatically selects one of the three utensils)
Potentially becomes a desktop app with an icon instead of accessing it through terminal.


**Tyler Guthrie** - I am developing a program that uses the spotify API to create playlists with a python program. I will create playlists based on something, im thinking they input a genre and it generates a playlist


**Andrea Chavarri**
Scraping Spotify and making an online MP3 player using this tutorial: [https://www.youtube.com/watch?v=RrQQEhlFt5E](https://www.youtube.com/watch?v=RrQQEhlFt5E)


**Dhruv Barua**
Using machine learning to read data to predict stock prices
Related video: v[https://www.youtube.com/watch?v=URTZ2jKCgBc&list=PLQVvvaa0QuDd0flgGphKCej-9jp-QdzZ3&index=2](https://www.youtube.com/watch?v=URTZ2jKCgBc&list=PLQVvvaa0QuDd0flgGphKCej-9jp-QdzZ3&index=2)