**Python Recommendation Software Project**

Project Objectives:

* Store data in a data structure
* Use an algorithm to sort or search for data within a data structure
* Use Git version control
* Use the command line and file navigation
* Write a technical blog post on the project

Brainstorming – What to recommend?

Composers – Works

MLS Teams

Brainstorming Implementation

**Composers**

* What does your program do?
  + It would recommend composers or works based on certain criteria.
* What data do you need?
  + Style period, popular works, large ensemble v. chamber v. solo, mood.
* What questions will you ask the user?
  + See above.
* How do the above questions return a recommendation?
  + Give each option lists with characteristics that answers would return.

**MLS**

* What does your program do?
  + Recommends an MLS team for new fans of the league.
* What data do you need?
  + Team names, founding dates, locations, colors, trophies, international players.
* What questions will you ask the user?
  + See preference about things above.
* How do the above questions return a recommendation?
  + It would store lists or form new data structures using teams that match criteria, and then filter out the list with further questions.

**The plan will be to create a program that suggests works of classical music based on mood. It will have two initial options to determine whether a person wants an in-depth search or basic search based on their knowledge of classical music.**