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COSC 480 Cloud Computing
Fall 2019

REPOSITORY: https://github.com/xfgoovaerts/DroneProjectPartOne

WHAT WE GOT TO WORK:

- Python program can read ips via ips.txt
- Leaders board is displayed on a web-app
  - Connects via ips.txt
  - Auto refreshes
  - Checkboxes to select which groups to view
  - Buttons to select refresh times

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WIKI:

To connect using ips.txt simply use the code. It will search for an ips.txt file and read the ips. They should be separated with a comma and no spaces.

To set up the leaders board web app we used a windows machine and wamp.

1. Set up local server to run the Leadersboard php file

1. Install wamp
2. Download php Cassandra extension
    a. https://downloads.datastax.com/php-driver/windows/cassandra/v1.3.2/
3. Add extension to wamp64/bin/php/phpVersion/ext
4. Restart server
5. If having issues
    a. Edit php.ini file and add “extension=php_cassandra.dll”
6. Start program
    a. Computer should be able to connect to cluster and drone at same time
7. **When starting the web app, make sure to select a checkbox first before selecting a refresh rate.**

2. Install TimeUUID converter plug-in

1. Download composer
    a. https://getcomposer.org/download/
2. Follow these instructions to set up composer (or just use my code)
    a. https://getcomposer.org/doc/01-basic-usage.md