How to Use cisa-calc

**Before you start**

1. Install:

* A Linux partition if you work on window (no need if you work on mac)
* Fuse
* Your favorite text editor (e.g., **atom**, *sublime*, gedit, emacs..)

1. Get familiar with the terminal and the basic bash commands to navigate folders and files. This is a nice tutorial: <https://marylou.byu.edu/documentation/unix-tutorial/>
2. Write your matlab scripts in a function format.

**How to use**

1. To connect on cisa-calc: ssh –Y username@129.194.96.80
2. Create one folder per project (e.g., PAVMOD)
3. Move your data on the cluster with sftp (e.g., filezilla)
4. Each job must be submitted with in a bash script (see examples) you need to always largely overestimate the walltime and the memory required by your job.
5. To mount a virtualdisk on your machine: sshfs username@129.194.96.80:/home/username ~/mountpoint

**Rules**

1. Jobs cannot be run on the machine without going through Torque.
2. Submit final jobs, debug on your machine first.

**Things we might want to add**

1. Set the mail delivery when jobs are done
2. Install maui and set rules to execute jobs