**GIt Cheat Sheet**

**Initializing a Repository:**

git init

**Cloning a Remote Repository:**

git clone username@host:/path/to/repository

**Adding Remote Repository:**

git remote add origin username@host:/path/to/repository

**Commit:**

git add <file> # Use \* for all files

git commit -m "Commit Message" # Use -a to check in all changes

**Push (upload changes to remote repository):**

git push origin master

**Pull (update from remote repository):**

git pull origin master

**Drop all local changes and commits:**

git fetch origin

git reset --hard origin/master

git checkout -- <file> # drops only changes for <file>

**Branching:**

git checkout -b branchname # create new branch

git checkout master # switch back to master

git branch -d branchname # delete branch

git push origin branchname # push branch

git merge branchname # merge branchname into current

**Tagging:**

git tag -a 1.1 -m "tag description" # regular tag

git tag 1.1 # lightweight tag

git tag 1.1 9fceb02 # tag specific commit

git push --tags # push tags

git tag -d 1.0 # delete local tag

git push origin :refs/tags/1.0 # delete tag from remote