|  |  |
| --- | --- |
| git | |
| git status | Check status of local repository- list untracked files, staged files, unpushed commits, and so forth. |
| git add <file> | Stages the specified untracked file changes (prepares the specified file changes to be committed). Files must be staged before they can be committed. |
| git add . | Stages all untracked files; useful shortcut for staging many changed files. |
| git commit -m "<message>" | Commits the staged files with the specified message; the message is *not* optional, so don’t forget it! Commits must be pushed before changes will show at a remote. |
| git push | Pushes commits to the origin remote (the remote that the repository was cloned from). |
| git push <remote> <branch> git push heroku master | Pushes commits to the specified branch at the specified remote; commonly used to push changes to Heroku. |
| git remote -v | Lists information about the current repository’s remotes. Check to see exactly where you’re pushing your changes to. |

|  |  |
| --- | --- |
| heroku | |
| heroku apps:create | Creates a new Heroku application based on an existing git repository and adds Heroku as a remote. Only needs to be run twice this semester; once each for your PHP and Node.js repositories. |
| heroku open | Opens your Heroku application in your default Internet browser. Helps to avoid needing to remember randomly-generated Heroku application URLs. |
| heroku config | Lists environment variables that are set out at Heroku. Useful for debugging. |
| heroku logs | View the last ~100 or so lines from Heroku’s output console. Useful for debugging. |
| heroku logs --tail | View Heroku’s output console in real-time. Useful for debugging. CTRL+C to quit. |
| heroku pg:psql | Connects directly to your Heroku PostgreSQL database using the psql terminal client. Will not work unless PostgreSQL has been installed locally and psql has been added to your system path. |

|  |  |
| --- | --- |
| psql | |
| \q | Quits the psql terminal. |
| \d | Lists all tables in the PostgreSQL database, including the auto generated ones |
| \dt | Lists all tables in the PostgreSQL database, excluding the auto generated ones |
| \dt <table> | Describes the specified table, showing column names, data types, keys, indexes, and triggers. |
| \h | Shows help |
| \i <file name> | Runs commands saved in a file. Like @ in Oracle |
| \l | Lists all databases |
| \c <data base name> | change database |