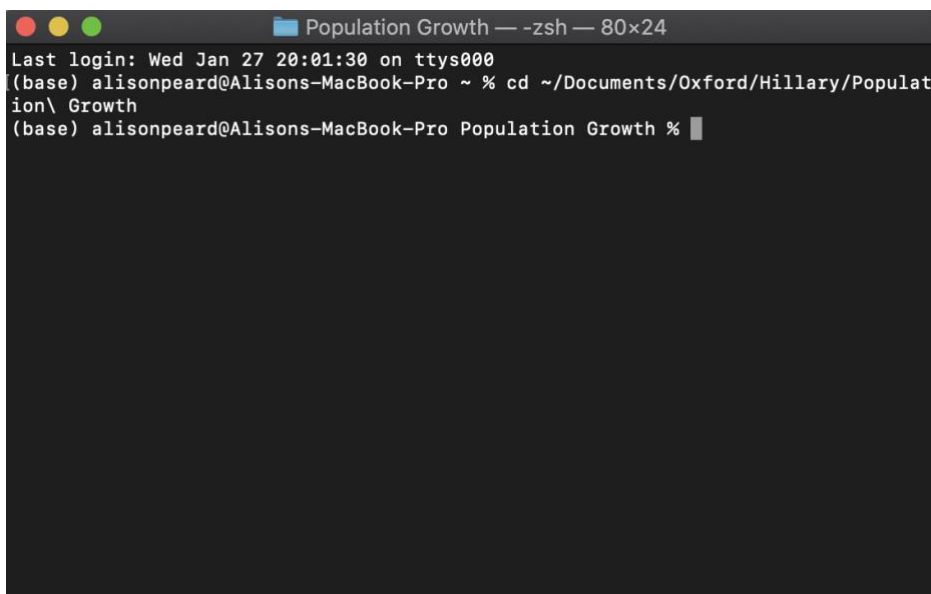


Github Basics

- Repository: folder you keep all the shared files
- Clone: download a new repository
- Pull: update your repository to be up to date with any changes anyone else made
- Commit: “save” any changes (just a step you need to do if you want to send your changes to the main repository so everyone can see it – not really sure why, you just have to)
- Push: send your committed changes to the main repository so that everyone has access to them

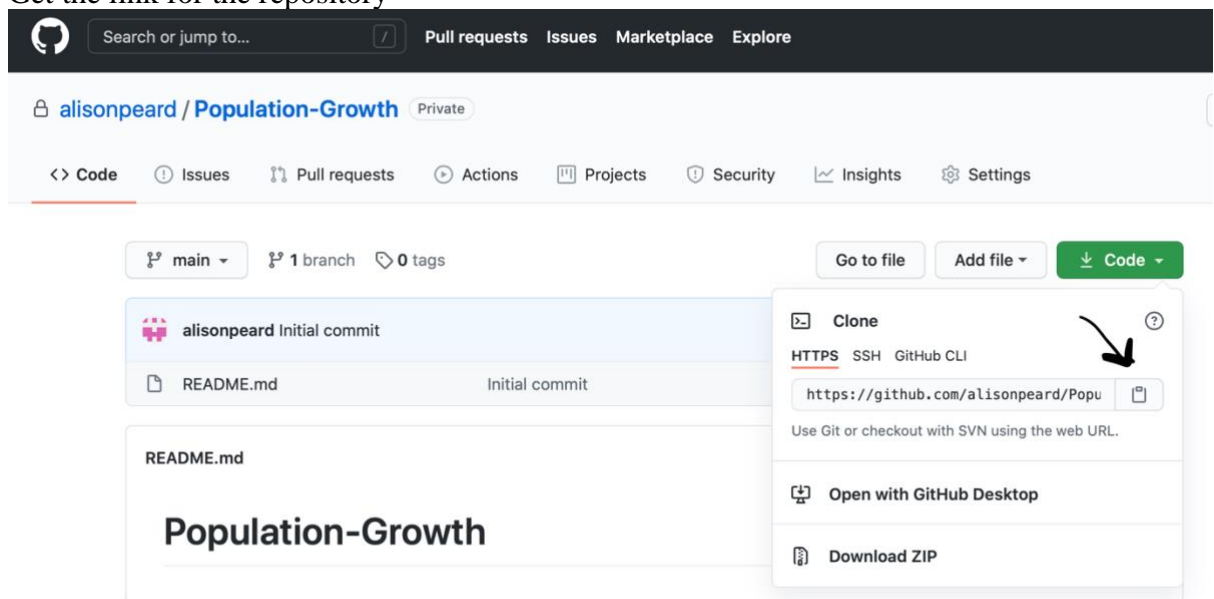
1. Clone (download) repository

- Open terminal (OSX) or command prompt (Windows)
- Navigate to the folder you want to save the repository in

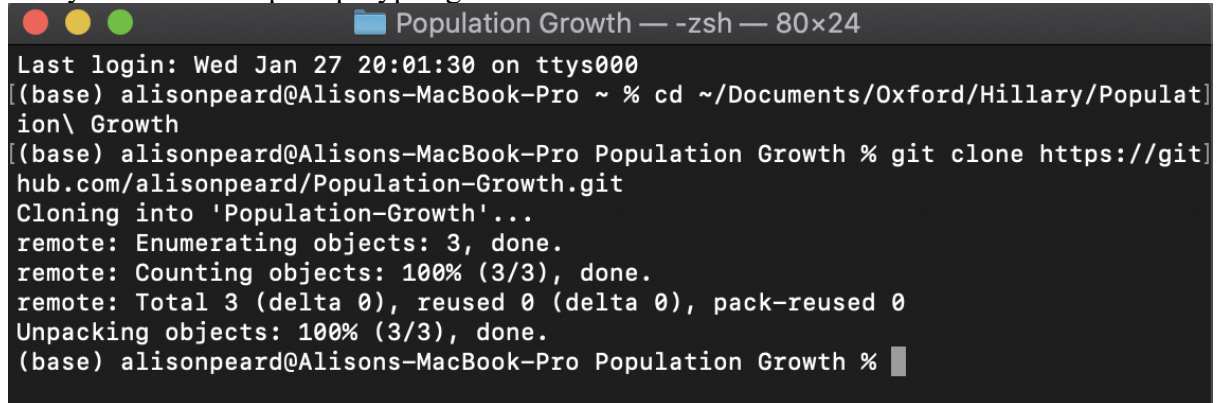


```
Population Growth — -zsh — 80x24
Last login: Wed Jan 27 20:01:30 on ttys000
(base) alisonpeard@Alisons-MacBook-Pro ~ % cd ~/Documents/Oxford/Hillary/Population\ Growth
(base) alisonpeard@Alisons-MacBook-Pro Population Growth %
```

- Get the link for the repository



- Into your command prompt type “git clone <link>”



```

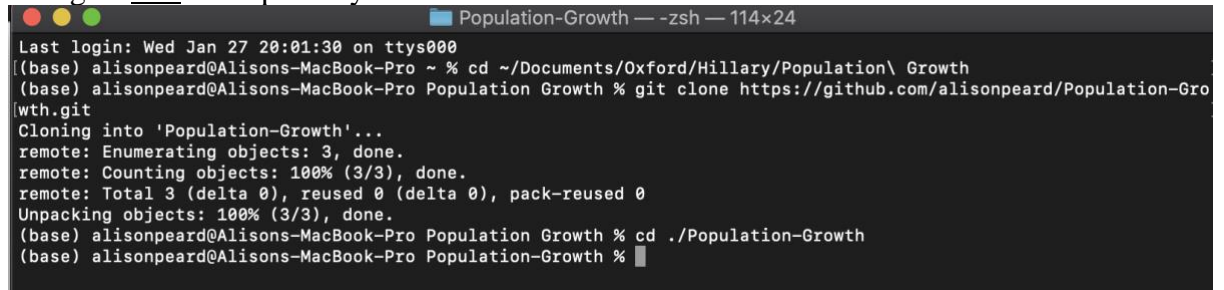
Population Growth — -zsh — 80x24
Last login: Wed Jan 27 20:01:30 on ttys000
[(base) alisonpeard@Alisons-MacBook-Pro ~ % cd ~/Documents/Oxford/Hillary/Populat
ion\ Growth
[(base) alisonpeard@Alisons-MacBook-Pro Population Growth % git clone https://git
hub.com/alisonpeard/Population-Growth.git
Cloning into 'Population-Growth'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
(base) alisonpeard@Alisons-MacBook-Pro Population Growth %

```

- If you look now there should be a folder called Population-Growth

2. To download other people’s changes

- Navigate into the repository



```

Population-Growth — -zsh — 114x24
Last login: Wed Jan 27 20:01:30 on ttys000
[(base) alisonpeard@Alisons-MacBook-Pro ~ % cd ~/Documents/Oxford/Hillary/Populat
ion\ Growth
(base) alisonpeard@Alisons-MacBook-Pro Population Growth % git clone https://github.com/alisonpeard/Population-Gro
wth.git
Cloning into 'Population-Growth'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
(base) alisonpeard@Alisons-MacBook-Pro Population Growth % cd ./Population-Growth
(base) alisonpeard@Alisons-MacBook-Pro Population-Growth %

```

- Type “git pull” and changes will be updated

3. To upload your changes

- First you add your changes, then you commit them, then you push them
 - a. Add
Once you make a change you type “git add --all” to add all changes (or you can Google different options instead of “--all” if you want to do something more slick) and hit Enter
 - b. Commit
When you commit you have to leave a message or else it gives out to you.
Type “git commit -m “your message” and hit Enter.
 - c. Push to send your updates to the shared folder: just type “git push”

4. If you want to check if you are up to date with the master branch just type “git status” and hit enter

That’s the very basics to get started but this is useful to look at too
<https://guides.github.com/activities/hello-world/>