Ignoring things

1. make a directory

mkdir results

ls

it prints out:

mars.txt results

2. create files

touch a.dat b.dat c.dat results/a.out results/b.out

(a.out b.out will be created in results folder)

Track status:

git status

it prints out:

Untracked files:

a.dat

b.dat

c.dat

results/

\* if we don’t really want git to keep track of these files (waste space), ask git to ignore

3. tell git to ignore any file that end in .dat

nano .gitignore

type out:

\*.dat

results/

Track status:

git status

it prints out:

Untracked files:

.gitignore

4. commit the changes

git add .gitignore

git commit -m “Ignore data files and results folder”

check status

git status

it prints out:

nothing added to commit but untracked files present (use "git add" to track)

if try to commit a.dat file:

git a.dat

it prints out:

git: 'a.dat' is not a git command. See 'git --help'.

To check ignored files:

git status –ignored

it prints out:

a.dat

b.dat

c.dat

results/

Quiz

**Question 1**: Given a directory structure that looks like:

results/data

results/plots

How would you ignore only results/plots and not results/data?

**Answer**: use the following code to ignore changes only in the directory results/plots:

nano .gitignore

in the nano editor, type:

results/plots/

**Question 2:** Given a .gitignore file with the following contents:

\*.dat

!\*.dat

What will be the result?

**Answer**: \*.dat will ignore all .dat files, then !\*.dat will ask not ignore all .dat files. In the end, all .dat files will be tracked!