

# Thursday Lesson

## Git notes

### Clone

- Download a copy of the current code from the repository
- Create your own copy of repository
- Work locally
- Send updates back to repository when finished (or at regular intervals)
- Receive updates from others via the server (GitHub)

### Branch

Pete's advise use Master

- Linear sequence of nodes
- Can be updated
- Can have multiple nodes (commits)
- Needs to be merged to master
- Or deleted
- Or other

### Head

- Node on a branch
- Current place where commits occur
- Normally Last node on branch
- Normally tip of the branch
- When no node selected {detached HEAD}

### Git file states

- Working directly
- Staged (Modified copy from working directory)
- Committed (Finalized version present in history)

### Git is not a GitHub

What's in a name

- Zero marks awarded to GitHub accounts not using same name as Pete uses for grading

Do not code incognito

Command Line interface

- Type in command and machine will compute your command