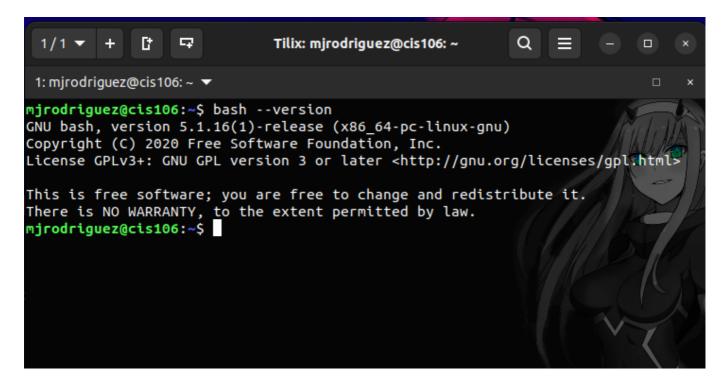
# Week Report 3

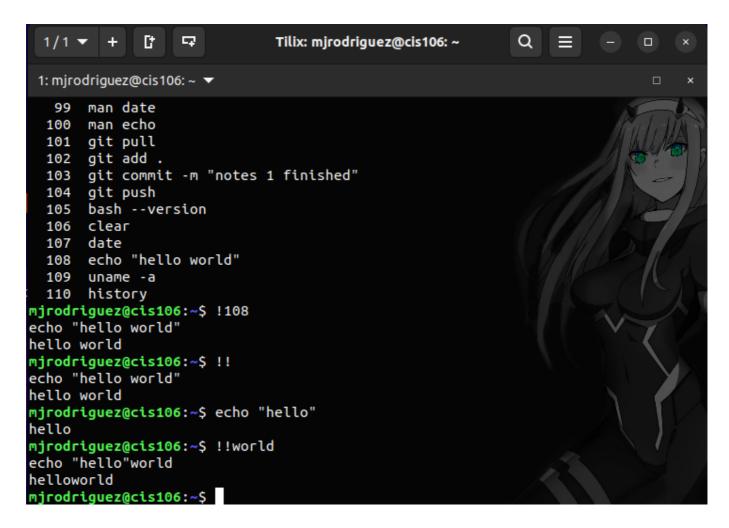
# Completed work for week 3

- Lab 3
- Notes 1

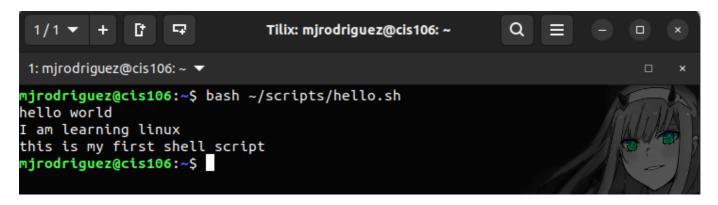
Practice 2: Accessing the bash Shell



Practice 3: Using the command history



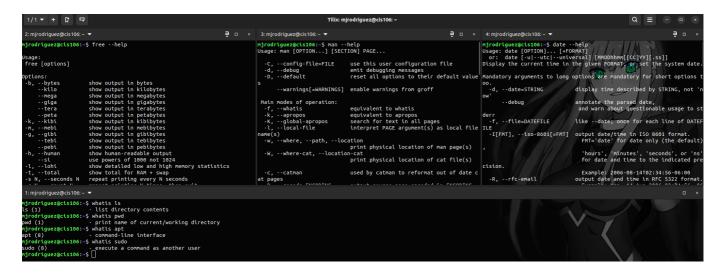
## Practice 4: My First Shell Script



#### Practice 5: Using man



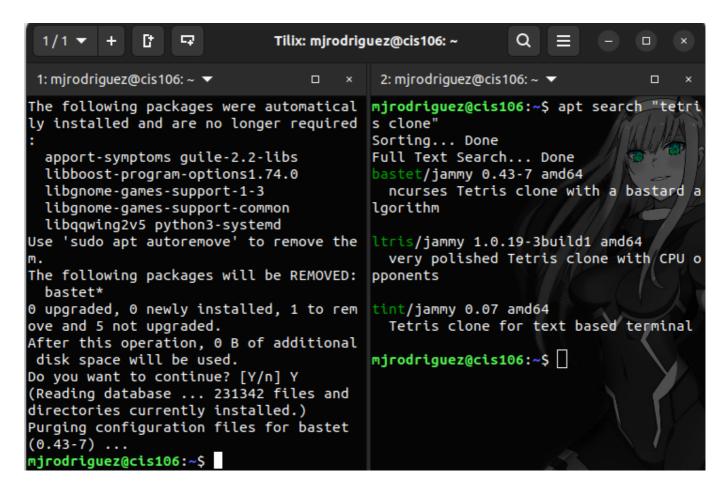
Practice 6: Using help



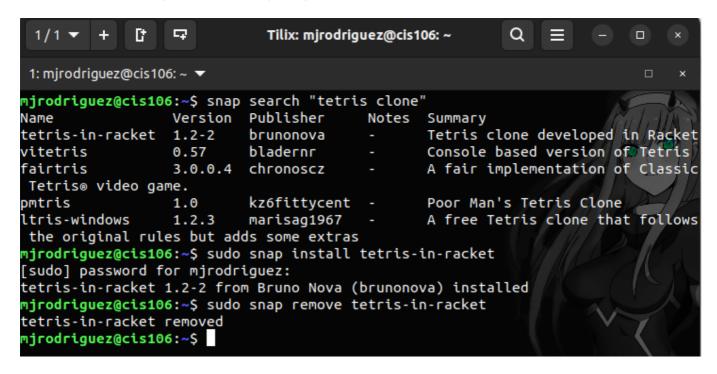
### Practice 7: Using cheat

```
tar -tzvf /path/to/foo.tgz
tar -tzvf /path/to/foo.tar.gz
 To extract a .tar.bz2 archive:
tar -xjvf /path/to/foo.tar.bz2
 To create a .tar.bz2 archive:
tar -cjvf /path/to/foo.tar.bz2 /path/to/foo/
tar -tjvf /path/to/foo.tar.bz2
 To create a .tgz archive and exclude all jpg,gif,... from the tgz:
tar -czvf /path/to/foo.tgz --exclude=\*.{jpg,gif,png,wmv,flv,tar.gz,zip}
                                                                          /path/t
o/foo/
 To use parallel (multi-threaded) implementation of compression algorithm
tar -z ... -> tar -Ipigz ...
tar -j ... -> tar -Ipbzip2 ...
tar -J ... -> tar -Ipixz ...
To append a new file to an old tar archive:
tar -rf <archive.tar> <new-file-to-append>
mjrodriguez@cis106:~$
```

Practice 1: Managing Software



Practice 3: Installing and removing snaps



Practice 4: Working with flatpak

