cd ~

sudo apt install git

git clone https://github.com/ArduPilot/ardupilot.git

cd ardupilot

cd ardupilot

Tools/environment\_install/install-prereqs-ubuntu.sh -y

. ~/.profile

git config --global url.https://.insteadOf git://

git checkout Copter-4.0.4

git submodule update --init –recursive

cd ~/ardupilot/ArduCopter

sim\_vehicle.py -w