To installl ardupilot SITL

1.Conda activate ROS

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

3. For pexpect

pip install pexpect

4. For pymavliınk

pip install pymavlink

5. For mavproxy

pip install mavproxy

6.

cd ~/Ardupilot

./waf distclean

git submodule deinit -f.

git clean -f-x -d

git pull

git submodule update --init --recursive

cd ArduPlane

../Tools/autotest/sim\_vehicle.py -v ArduCopter -f heli -L MyLocation

../Tools/autotest/sim\_vehicle.py —map —console