

Linux is the preferred environment for this

The first requirement to run this program is that you have 64-bit python3, >= 3.6.x preferred, installed.  
In order to do that you must install it from python.org

\*\*\*Do not just press the download button at the top of the page. This is only a default 32-bit version\*\*\*

**Windows:**

<https://www.python.org/ftp/python/3.8.3/python-3.8.3rc1-amd64.exe>

**Mac OS X:**

<https://www.python.org/ftp/python/3.8.3/python-3.8.3rc1-macosx10.9.pkg>

Ubuntu 18.04 should come preinstalled with python 3.6 but if needed:

**Linux(Ubuntu 18.04):**

<https://www.python.org/ftp/python/3.8.3/Python-3.8.3rc1.tgz>

or (preferred method):

```
sudo apt-get update  
sudo apt-get install python 3.8
```

**For Linux(Ubuntu):**

After python is installed navigate to Install/Linux in terminal

```
chmod +x linux_install.sh  
./linux_install.sh
```

After this has run all dependencies should be installed.

You may now 'cd ..' to the OCUFLY folder

To fly the drone, type the command:

```
python3 fligh_software.py
```

To run an image recognition test:

```
cd ObjTest  
  
python3 ObjRec.py
```

\*\*\* The first time this runs it make take considerably longer than normal\*\*\*