

The last error I was trying to solve was “no module named numpy” even though I had ran `:import numpy`  
I noticed it was still running python 3.7.X instead of python 3.6 so I tried to remove python 3.7 completely resulting in a crash

Python virtual environment commands:

<http://raspberrypi-aa.github.io/session4/venv.html>

Installing specific versions of a package: `pip3 install package==X.X.X`

Make sure you are using `pip3` and `python3` when trying to run commands.

Other commands I found useful to solve import cv2 errors:

```
pip3 install opencv-python
sudo apt-get install libatlas-base-dev
sudo apt-get install libjasper-dev
sudo apt-get install libqtgui4
sudo apt-get install python3-pyqt5
```

```
sudo apt-get install libqtcore4
```

Or/and

```
sudo apt-get install libatlas-base-dev -y
sudo apt-get install libhdf5-dev -y
sudo apt-get install libhdf5-serial-dev -y
sudo apt-get install libjasper-dev -y
sudo apt-get install libqtgui4 -y
sudo apt-get install libqt4-test -y
```

Error	Solution	Notes
undefined symbol: __atomic_fetch_a dd_8	Downgrade to python 3.6.X instead of using python 3.7.X	<a href="https://github.com/piwheels/packages/issues/59">https://github.com/piwheels/packages/issues/59</a>

Import cv2	Commands above provide all the dependencies	<a href="https://github.com/amygovern/pyparrot/issues/34">https://github.com/amygovern/pyparrot/issues/34</a>
All black screen with cursor	Turn off pi and turn back on then hit shift when screen turns on then click install	Corrupted memory from package download or improper shut down (Must redownload everything)
Permission denied (CD python 3.6.0 will give you this )	<code>sudo su cd directory</code>	<a href="https://stackoverflow.com/questions/8221820/cd-into-directory-without-having-permission">https://stackoverflow.com/questions/8221820/cd-into-directory-without-having-permission</a>
Orange font warning about python2.X.X followed by an error	Use pip3 and python3	