

Install Python3 for Mac using Homebrew

1. In Mac, by default, Python 2 is installed, to confirm, type the following command:

```
>>> python --version
```

```
[Kims-MacBook-Pro:~ kimnguyen$ python --version  
Python 2.7.16
```

2. You can install Python3 using brew with the following command:
If you have not installed brew, check out this instruction before proceeding:
<https://github.com/KimNguyenMai/Documentations/blob/master/Install%20Homebrew%20Guide.md>)

```
>>> brew install python3
```

```
[Kims-MacBook-Pro:~ kimnguyen$ brew install python3
```

3. Once the installation is done, you should see a successful message. The screenshot below might look different from yours as I already have python3 installed:

```
mochi                                zulip  
monero-wallet  
==> Deleted Casks  
8x8-video-meetings                  enlsoft-chm-view                    sleepyhead  
cutbox                              myworkspace                        soapcast  
dropbox-encore                      scope                               trojan-qt5  
  
Warning: python@3.8 3.8.5 is already installed, it's just not linked  
You can use `brew link python@3.8` to link this version.
```

4. In case you have the same message as above screenshot, type the following command, if not, proceed to step 5:

```
>>> brew link --overwrite python@3.8
```

```
[Kims-MacBook-Pro:~ kimnguyen$ brew link --overwrite python@3.8  
Linking /usr/local/Cellar/python@3.8/3.8.5... 25 symlinks created
```

5. Check if you have the correct version installed:

```
>>> python3 --version
```

```
[Kims-MacBook-Pro:~ kimnguyen$ python3 --version  
Python 3.8.3
```

Note: in Mac OS, after installing python3, python2 will not be erased, simply specify python version you want to use when running your program.

If the above instruction did not work for you, here's a helpful article:

<https://opensource.com/article/19/5/python-3-default-mac>