

Reference website for installing python3

<https://tecadmin.net/how-to-install-python-3-10-on-centos-rhel-8-fedora/>

```
sudo dnf install wget yum-utils make gcc openssl-devel bzip2-devel libffi-  
devel zlib-devel
```

```
wget https://www.python.org/ftp/python/3.8.15/Python-3.8.15.tgz
```

```
tar xzf Python-3.8.15.tgz
```

```
cd Python-..
```

```
sudo ./configure --with-system-ffi --with-computed-gotos --enable-loadable-  
sqlite-extensions
```

```
sudo make -j ${nproc}
```

```
sudo make altinstall
```

```
sudo rm Python-..
```

To make python3 the default when you type python: Step 3 and 4

<https://www.itsupportwale.com/blog/how-to-upgrade-to-python-3-8-on-ubuntu-18-04-lts/>

```
sudo update-alternatives --install /usr/bin/python3 python3  
/usr/bin/python3.6 1  
sudo update-alternatives --install /usr/bin/python3 python3  
/usr/bin/python3.8 2
```

```
sudo update-alternatives --config python3
```

```
pip3.8 install tensorflow  
pip3.8 install -U scikit-learn scipy matplotlib  
pip3.8 install opencv-python
```

```
sudo yum install mesa-libGL
```

Now test with: `python load_files.py`

```
cd cs425-mp4
```