## Installing Python and related libraries

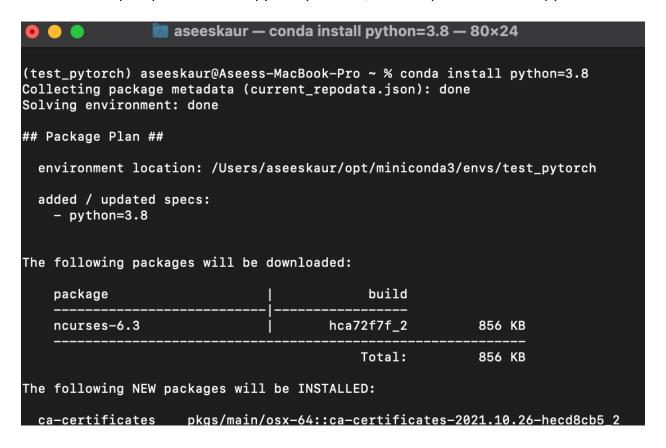
Now that we installed a virtual environment, let's install python in it to start working.

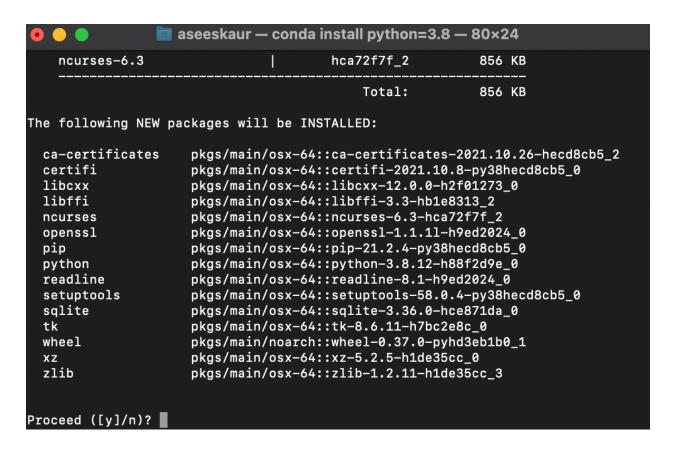
Step 1: Activate your virtual environment in which you want to install python.

Step 2: Use this command: conda install python

OR

You can also specify the version of python you want, for example: conda install python = 3.8





Press y to proceed, and it will start downloading the required packages

Now that I have python, I need some basic libraries like, numpy, pandas, matplotlib, etc.

You can do this using the command: conda install < library name >.

Note: You can also use pip to install the libraries.

```
🛅 aseeskaur — conda install numpy — 80×24
(test_pytorch) aseeskaur@Aseess-MacBook-Pro ~ % conda install numpy
Collecting package metadata (current_repodata.json): done
Solving environment: done
## Package Plan ##
  environment location: /Users/aseeskaur/opt/miniconda3/envs/test_pytorch
  added / updated specs:
    - numpy
The following NEW packages will be INSTALLED:
  blas
                     pkgs/main/osx-64::blas-1.0-mkl
  intel-openmp
                     pkgs/main/osx-64::intel-openmp-2021.4.0-hecd8cb5_3538
                     pkgs/main/osx-64::mkl-2021.4.0-hecd8cb5_637
  mk1
  mkl-service
                     pkgs/main/osx-64::mkl-service-2.4.0-py38h9ed2024_0
                     pkgs/main/osx-64::mkl_fft-1.3.1-py38h4ab4a9b_0
  mkl_fft
  mkl_random
                     pkgs/main/osx-64::mkl_random-1.2.2-py38hb2f4e1b_0
                     pkgs/main/osx-64::numpy-1.21.2-py38h4b4dc7a 0
  numpy
  numpy-base
                     pkgs/main/osx-64::numpy-base-1.21.2-py38he0bd621_0
                     pkgs/main/noarch::six-1.16.0-pyhd3eb1b0_0
  six
```

Again, press y to proceed.

```
📆 aseeskaur — -zsh — 80×24
  added / updated specs:
    - numpy
The following NEW packages will be INSTALLED:
  blas
                     pkgs/main/osx-64::blas-1.0-mkl
  intel-openmp
                     pkgs/main/osx-64::intel-openmp-2021.4.0-hecd8cb5_3538
  mk1
                     pkgs/main/osx-64::mkl-2021.4.0-hecd8cb5_637
                     pkgs/main/osx-64::mkl-service-2.4.0-py38h9ed2024_0
  mkl-service
                     pkgs/main/osx-64::mkl_fft-1.3.1-py38h4ab4a9b_0
  mkl_fft
                     pkgs/main/osx-64::mkl_random-1.2.2-py38hb2f4e1b_0
  mkl_random
                     pkgs/main/osx-64::numpy-1.21.2-py38h4b4dc7a 0
  numpy
  numpy-base
                     pkgs/main/osx-64::numpy-base-1.21.2-py38he0bd621_0
  six
                     pkgs/main/noarch::six-1.16.0-pyhd3eb1b0_0
Proceed ([y]/n)? y
Preparing transaction: done
Verifying transaction: done
Executing transaction: done
(test_pytorch) aseeskaur@Aseess-MacBook-Pro ~ % 📗
```

I like to work in Jupyter Notebooks so I installed the jupyterlab using the command: conda install -c conda-forge jupyterlab

It will ask you to press y to proceed.