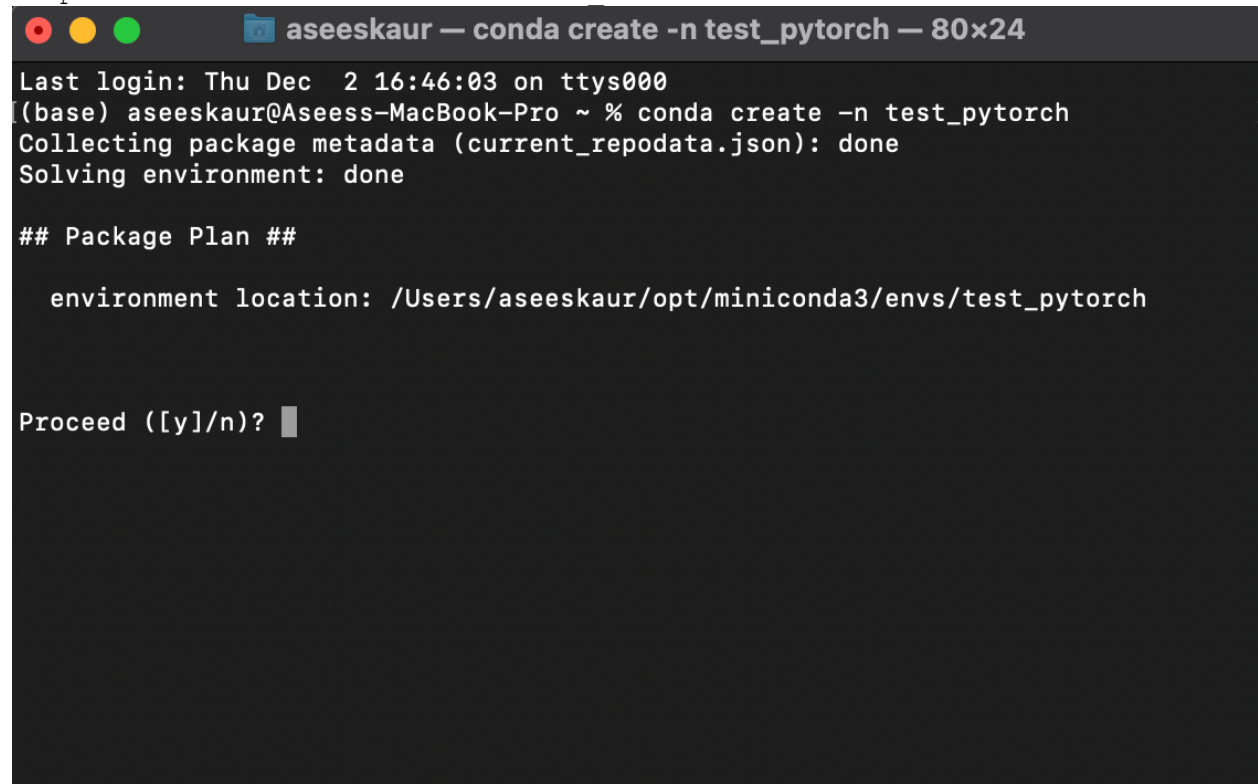# Virtual Environment

I started my Pytorch learning journey by reading the documentation on their [website](#). I also discussed with my advisor about how to begin and talked things through with her.

So before I actually installed Pytorch, I worked on creating a virtual environment to prevent messing things up. I followed the following steps to install the virtual environment:

```
Step 1: conda create -n <environment_name>
```



```
Last login: Thu Dec  2 16:46:03 on ttys000
(base) aseeskaur@Aseess-MacBook-Pro ~ % conda create -n test_pytorch
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

  environment location: /Users/aseeskaur/opt/miniconda3/envs/test_pytorch


Proceed ([y]/n)?
```

Type y to proceed.

```
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

  environment location: /Users/aseeskaur/opt/miniconda3/envs/test_pytorch


Proceed ([y]/n)? y

Preparing transaction: done
Verifying transaction: done
Executing transaction: done
#
# To activate this environment, use
#
#     $ conda activate test_pytorch
#
# To deactivate an active environment, use
#
#     $ conda deactivate

(base) aseeskaur@Aseess-MacBook-Pro ~ %
```

Congratulations. You just created a virtual environment.

Step 2: Let's activate this environment to start working in it, using the command: conda activate <environment_name>

Note: You can deactivate the environment in the similar way: conda deactivate

```
●  ●  ●                    🖥 aseeskaur — -zsh — 80×24

Solving environment: done

## Package Plan ##

  environment location: /Users/aseeskaur/opt/miniconda3/envs/test_pytorch



Proceed ([y]/n)? y

Preparing transaction: done
Verifying transaction: done
Executing transaction: done
#
# To activate this environment, use
#
#     $ conda activate test_pytorch
#
# To deactivate an active environment, use
#
#     $ conda deactivate

(base) aseeskaur@Aseess-MacBook-Pro ~ % conda activate test_pytorch
(test_pytorch) aseeskaur@Aseess-MacBook-Pro ~ %
```

Now you can see that we are in our working in the new environment that we
created and not in base anymore.

Now that we have created a virtual environment we can go ahead and install python and other
required packages.