

Open a bash terminal and run the following commands:

# Make a directory where you can keep your virtual environments (if you don't already have one):

**\$ mkdir ~/envs**

# Make a virtual environment called 'CS839':

**\$ virtualenv --python=python3.6 ~/envs/CS839**

# activate the virtual environment:

**\$ source ~/envs/CS839/bin/activate**

# install the allowed packages for CS839:

**(CS839) \$ pip3 install -r requirements.txt**

# For nltk specific package, please follow below steps to install those packages in Virtual environment

**\$python**

```
import nltk
```

```
nltk.download('wordnet')
```

```
nltk.download('averaged_perceptron_tagger')
```

```
exit()
```

Congratulations! You have a virtual environment. You'll be able to run the code without a problem.

**\$ source ~/envs/CS839/bin/activate**

You'll know the virtual environment is active because its name will appear in parentheses to the left of the bash prompt:

#Now go to the directory where you have the source code and run the below command

**(CS839) \$ python main.py**

#When you don't need the virtual environment, just `deactivate' it.

**(CS839) \$ deactivate**