Sentiment Analysis on Twitter
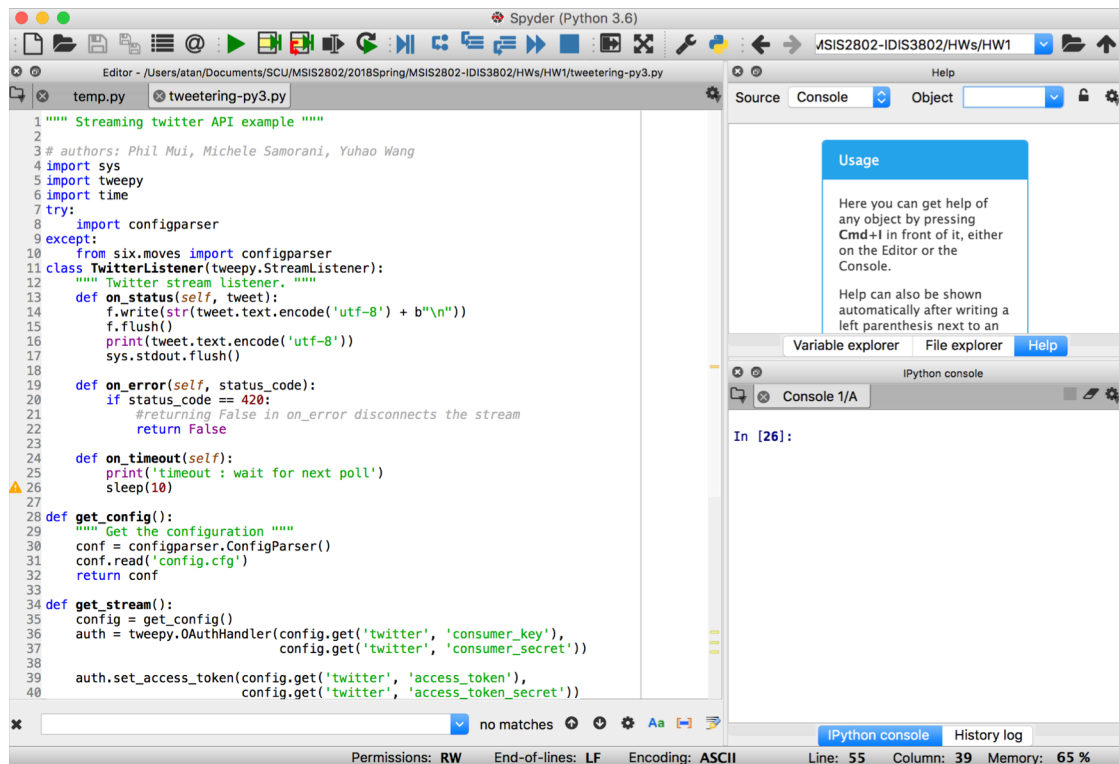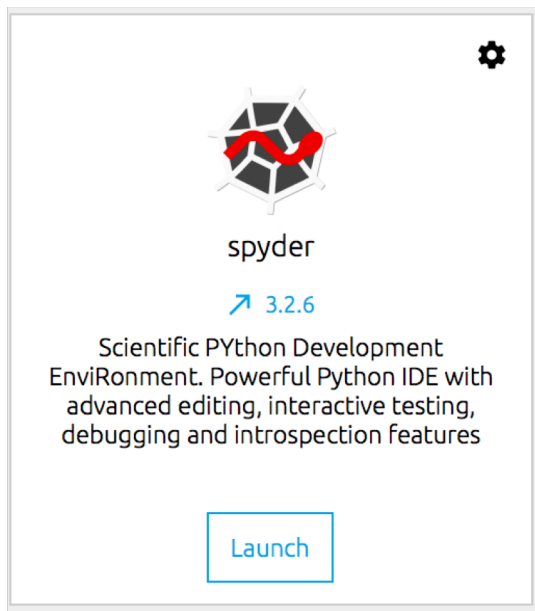
Homework 1 Setup

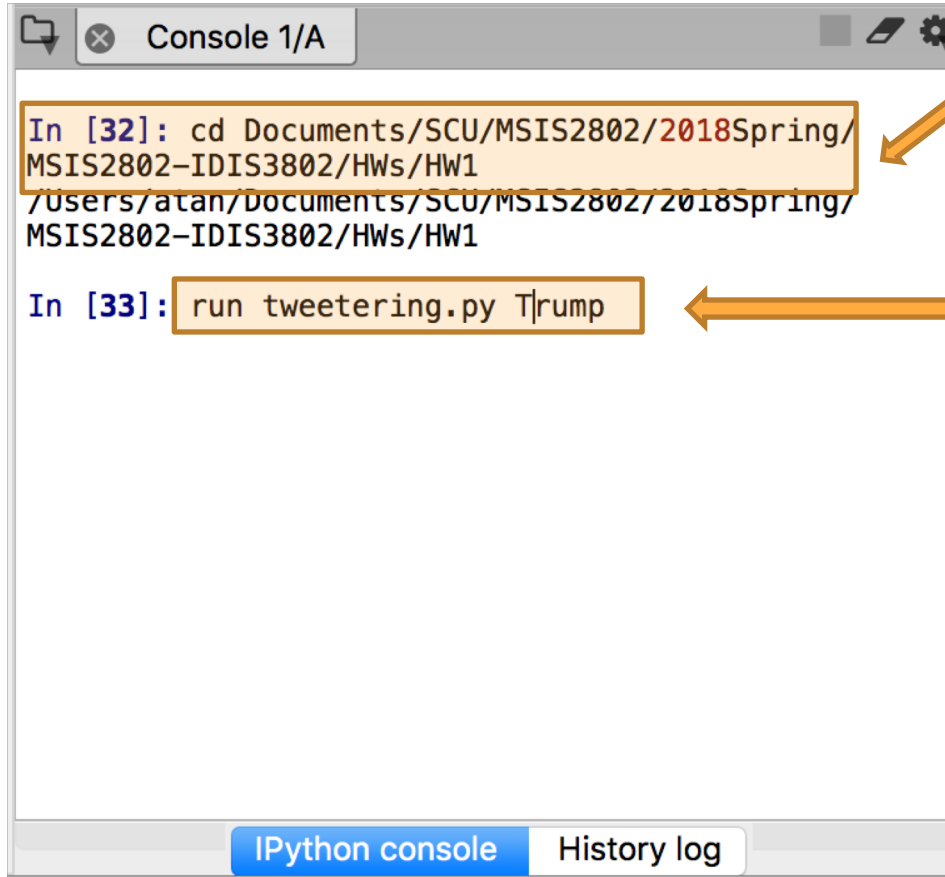# Set up a Twitter developer account

To be able to use the Twitter APIs, you'll need to register as a Twitter app developer and obtain keys and access tokens. You'll need to replace/fill-in the keys and tokens in config.cfg with your keys and tokens

1. Download the two files tweetering.py and config.cfg from Camino and place them in the same directory
2. Sign in on https://apps.twitter.com/ using your Twitter account
3. Click on "create new app"
4. Click on your app name
5. Click on "Keys and Access Tokens"
6. In this page, you'll find a *consumer_key, consumer_secret, access_token,* and *access_token_secret*
7. Copy your keys and tokens into config.cfg ((watch for extra empty space while copy and paste)

In Anaconda Navigator, launch Spyder, In Editor window, open tweetering.py

In Spyder IDE, Console window, issue commands

```
Console 1/A
In [32]: cd Documents/SCU/MSIS2802/2018Spring/
MSIS2802-IDIS3802/HWs/HW1
/Users/atan/Documents/SCU/MSIS2802/2018Spring/
MSIS2802-IDIS3802/HWs/HW1

In [33]: run tweetering.py Trump
```

IPython console   History log

1. Change directory to the one containing your twitter files

2. To run the program, type:
run tweetering.py word
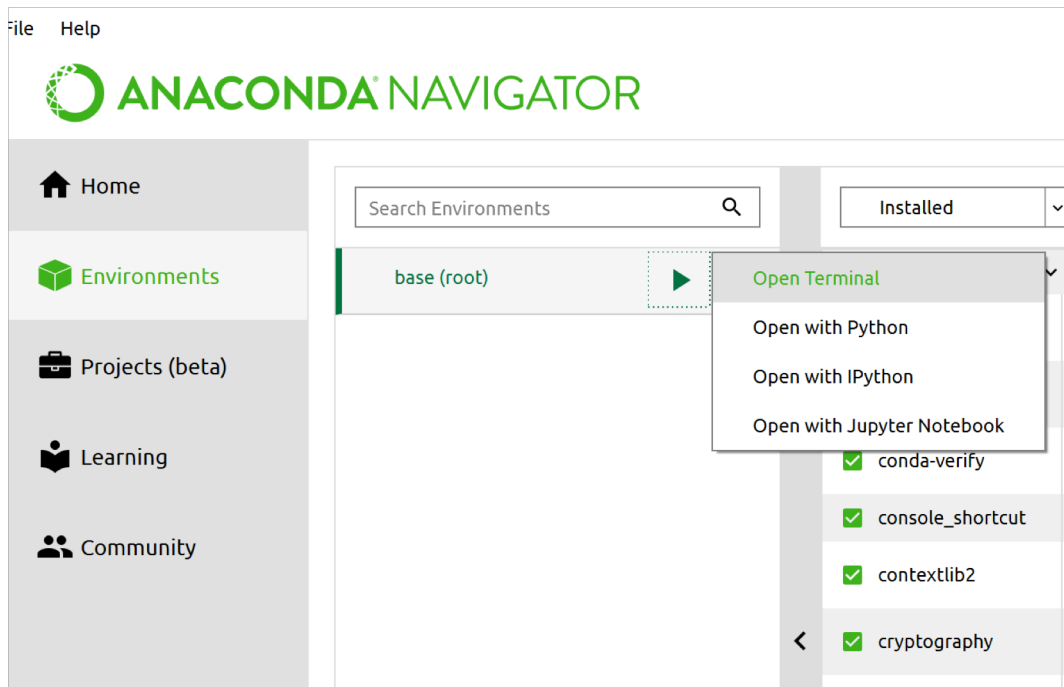**Where _word_ is the term you want to look for (here the word is "Trump")**

3. The program creates an output file (word.txt) with the tweets collected

4. Stop collecting tweets by pressing CTRL + c
Note: output file will be overwritten if same file name exist in the same directory

Possible Problems

- **Tweepy not found**: (refer to page #39, Module 1 – Intro and Python Review ppt file.

1, Open a terminal

2, in terminal type >
conda install -c conda-forge tweepy