3)Twitter Bot

Requirements :

a).Python : [https://www.python.org/downloads/release/python-362/](https://l.facebook.com/l.php?u=https%3A%2F%2Fwww.python.org%2Fdownloads%2Frelease%2Fpython-362%2F&h=ATOmQpswDDrhOTmwHJYmgRfsMwgPx60O4nEP-Sauv3_Owk7zn7db4ru-AE1jj-eplTMSc1LdmjpluiWJIwHCHZ7gRCeihQrJ05UA1A2MiZEV7rvQvjrO6wv92AfbBlalHcC95kul_jBSxDo)

b).Sublime : [https://www.sublimetext.com/3](https://l.facebook.com/l.php?u=https%3A%2F%2Fwww.sublimetext.com%2F3&h=ATOmQpswDDrhOTmwHJYmgRfsMwgPx60O4nEP-Sauv3_Owk7zn7db4ru-AE1jj-eplTMSc1LdmjpluiWJIwHCHZ7gRCeihQrJ05UA1A2MiZEV7rvQvjrO6wv92AfbBlalHcC95kul_jBSxDo)

c).PyCharm : [https://www.jetbrains.com/pycharm/download/download-thanks.html?platform=windows&code=PCC](https://l.facebook.com/l.php?u=https%3A%2F%2Fwww.jetbrains.com%2Fpycharm%2Fdownload%2Fdownload-thanks.html%3Fplatform%3Dwindows%26code%3DPCC&h=ATOmQpswDDrhOTmwHJYmgRfsMwgPx60O4nEP-Sauv3_Owk7zn7db4ru-AE1jj-eplTMSc1LdmjpluiWJIwHCHZ7gRCeihQrJ05UA1A2MiZEV7rvQvjrO6wv92AfbBlalHcC95kul_jBSxDo)

Step 1:

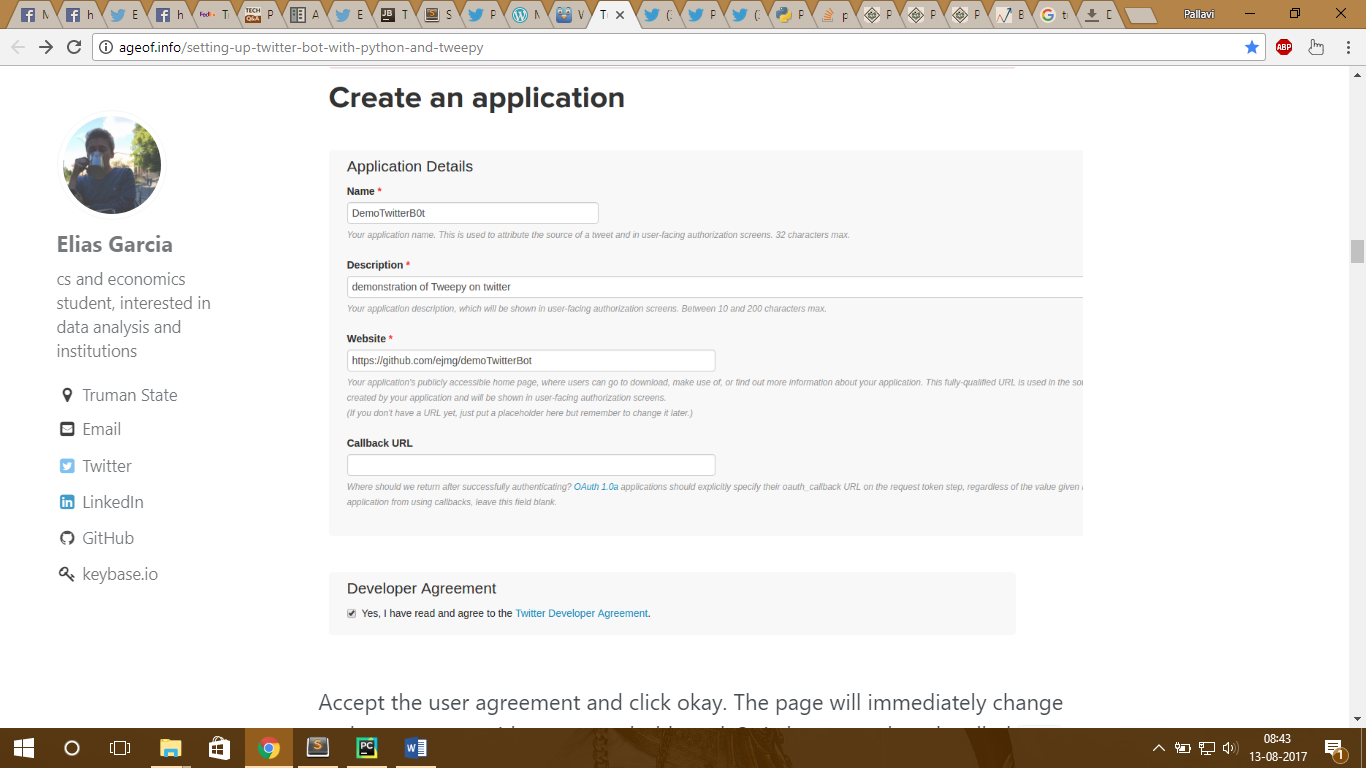
Login to your twitter account with your credentials.



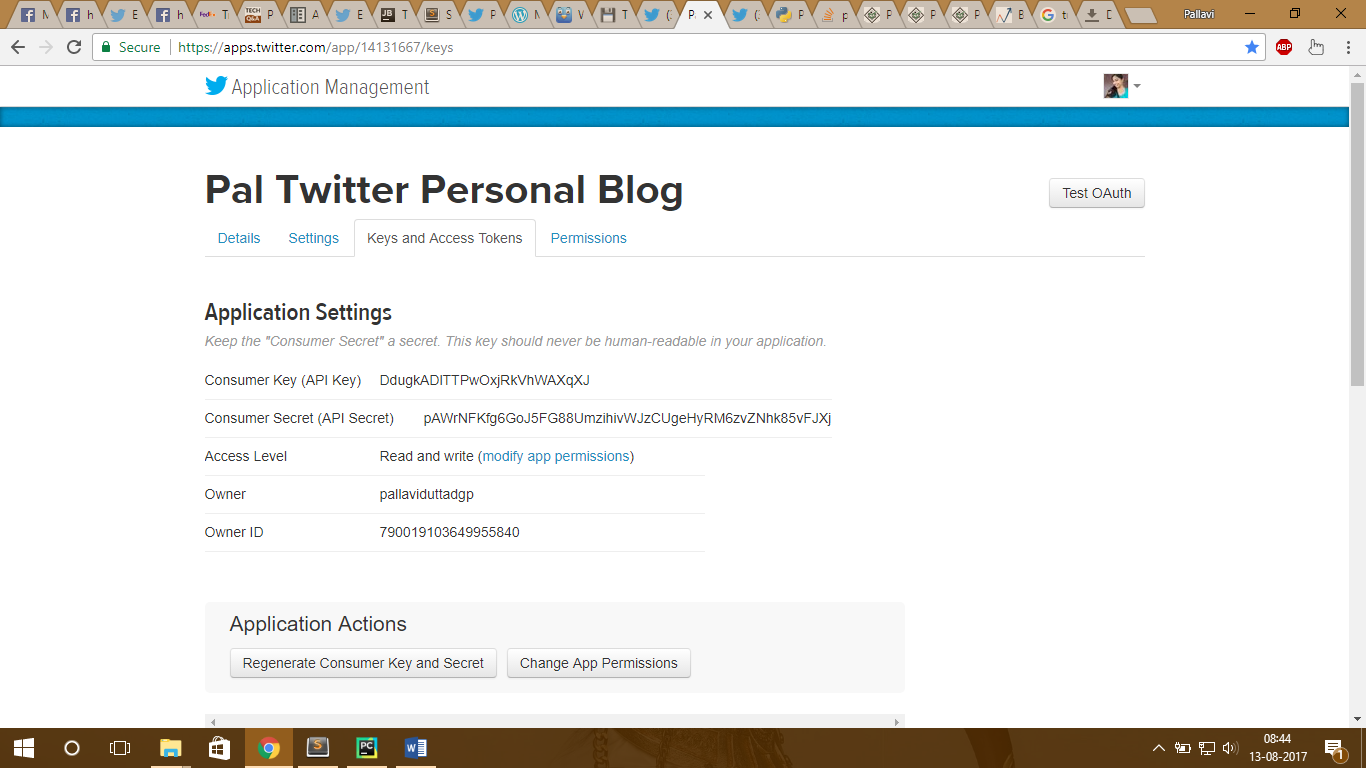
Step 2:

Open <https://apps.twitter.com>

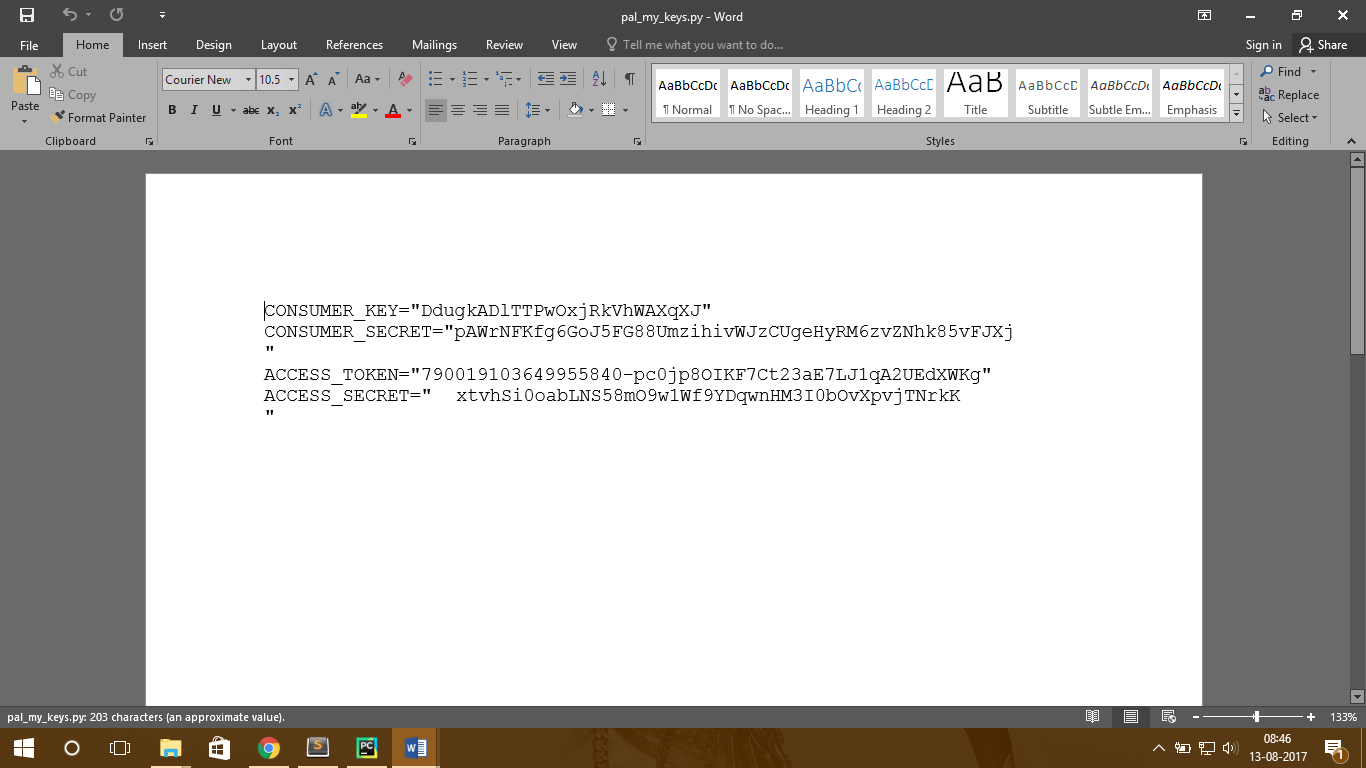
Give app permission



Once it is done get the keys.



Save the keys in Python file and save the pal\_my\_keys.py file in the same folder as Twitter’s python code.

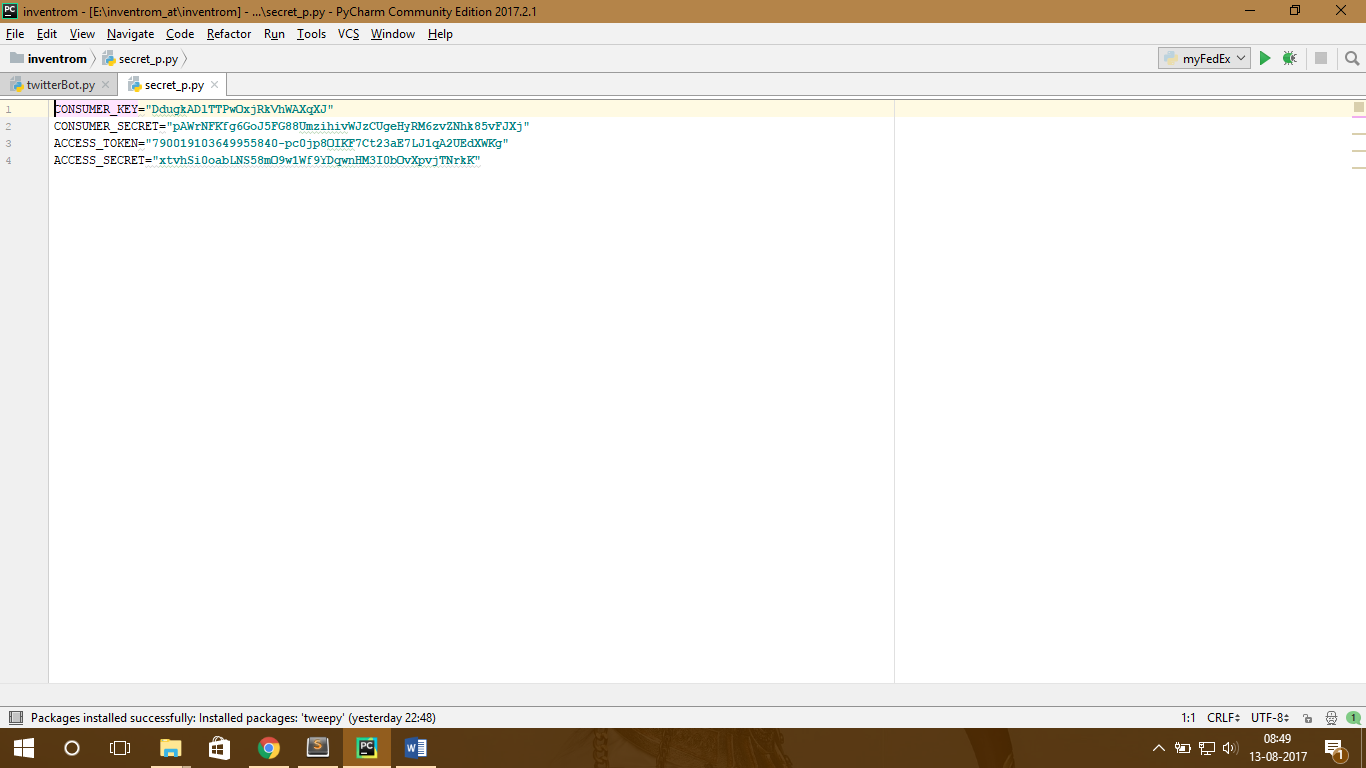


Now follow the steps mentioned in the link one by one.

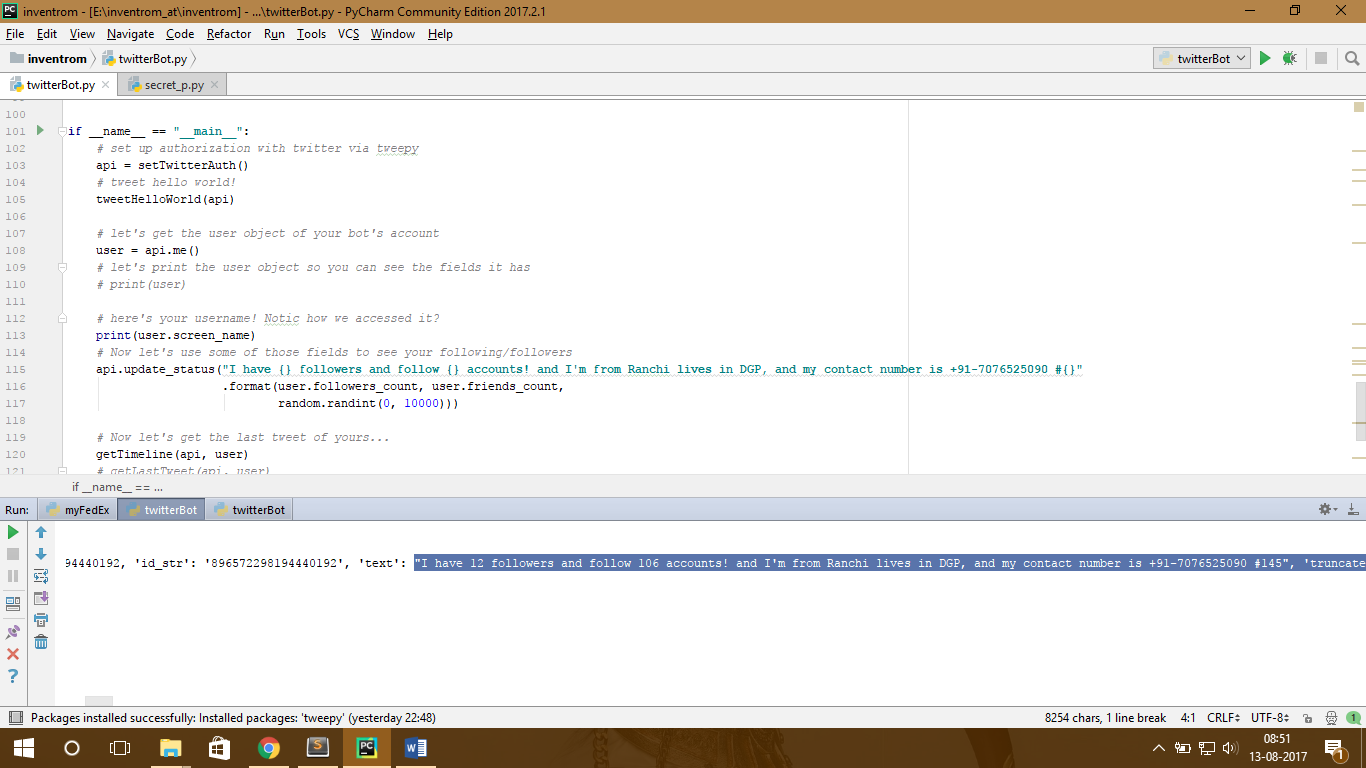
<http://ageof.info/setting-up-twitter-bot-with-python-and-tweepy>

Step 3:

Now open this file containing secret keys in PyCharm.



Open twitterBot.py in PyCharm.



This displays the list of followers I have and the no of people I am following .

In Code:

* def setTwitterAuth():

For obtaining Authorization from Twitter API.

* **def tweetHelloWorld(api):**

this method tweets hello world to twitter with your bot, Hello World!

* **def getTimeline(api, user):**

this method gets the last 100 tweets from the user's timeline. This returns

a list of tweet objects, check Twitter's docs to learn more about them.

* I use the Cursor method of tweepy to crawl through search results,while simultaneously using list comprehension to make a standard list of the results. Cursor is used for pulling large numbers of tweets
* **def searchTweet(api, searchTerm):**

Gets 100 search results of the string, search, and returns them as a list

of tweet object

* **api = setTwitterAuth()**

set up authorization with twitter via tweepy

Reference Links :

1. <http://ageof.info/setting-up-twitter-bot-with-python-and-tweepy>
2. <https://dev.twitter.com/overview/api/entities-in-twitter-objects#hashtags>
3. <http://tweepy.readthedocs.io/en/v3.5.0/api.html#API.statuses_lookup>
4. <https://marcobonzanini.com/2015/03/02/mining-twitter-data-with-python-part-1/>
5. <http://follows.com/blog/2016/01/tweet-likes-twitter>