Twitter 3 Layer User Crawler

Before Running:

1. To Run The Program you will need to Install Python 3.x to your machine
2. You must install packages tweepy, threading, setuptools, csv, os
   to do this type this command: >> pip install <package name>

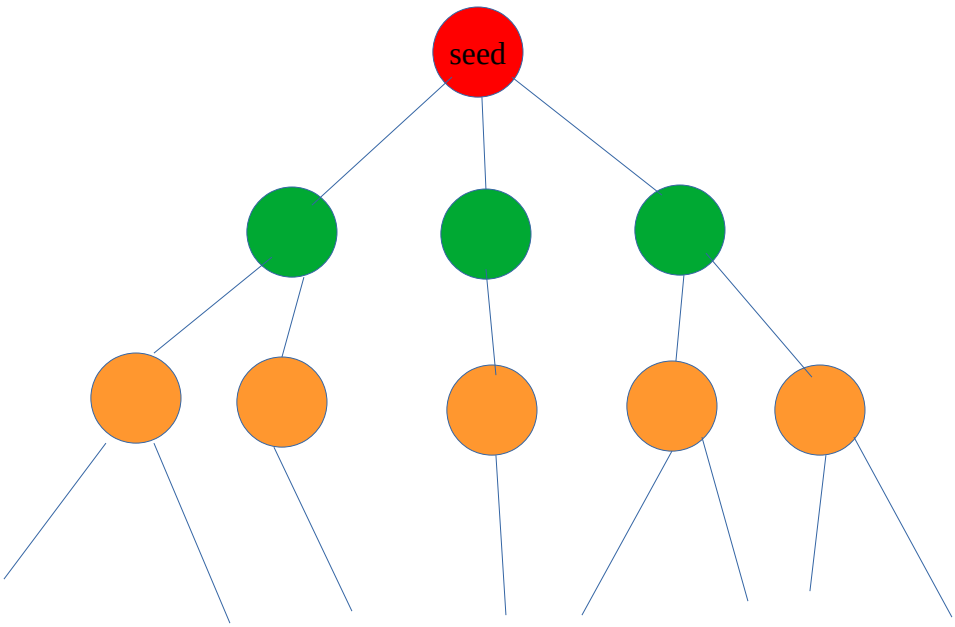
3. In Config files insert your keys in the order like this :

```
CONSUMER_KEY
CONSUMER_SECRET
ACCESS_KEY
ACCESS_SECRET
```

Running:
To Run it change your directory to the directory of Twitter 3 Layer User Crawler
the type this command to run it:
>> python3 main.py
If you want Hashtag mode type 1, If you want username mode type 2 and hit Enter
According to your choice type seed hashtag or username.

Crawler will start.

HOW IT WORKS?



Scans for mentions about mentions about seed username the collects users tweets which are mentioning about this, then finds other usernames which mentioned by these users collects their data.
Which data will be collected is defined from the file metadata.csv (It does not checks if users are following each other.) The hashtag mode works with same concept but there the program checks if they are using the same hashtag if yes generated csv file has this name: username_1_U.csv in other case is like this username_0_U.csv.