STEPS TO RUN DIFFERENT STOCK ANALYSIS

1. Put the large_machine.pem file into a folder
2. Now open macos/ubuntu terminal and from there go to that folder that contain large_machine.pem file
3. Now copy paste this command and run into terminal :
   A. chmod 400 large_machine.pem
   B. ssh -i "large_machine.pem" ubuntu@ec2-3-14-249-218.us-east-2.compute.amazonaws.com

If successful you will see screen like this :

```
Welcome to Ubuntu 18.04.5 LTS (GNU/Linux 5.4.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

  System information as of Sun Jan 31 12:26:30 UTC 2021

  System load:  0.05                Users logged in:                1
  Usage of /:   10.4% of 61.98GB    IP address for eth0:            172.31.4.180
  Memory usage: 23%                 IP address for docker0:         172.17.0.1
  Swap usage:   0%                  IP address for br-1a1d7278b071: 172.18.0.1
  Processes:    137

 * Introducing self-healing high availability clusters in MicroK8s.
   Simple, hardened, Kubernetes for production, from RaspberryPi to DC.

     https://microk8s.io/high-availability

 * Canonical Livepatch is available for installation.
   - Reduce system reboots and improve kernel security. Activate at:
     https://ubuntu.com/livepatch

0 packages can be updated.
0 of these updates are security updates.

New release '20.04.1 LTS' available.
Run 'do-release-upgrade' to upgrade to it.


*** System restart required ***
Last login: Sun Jan 31 12:07:19 2021 from 182.185.152.74
```
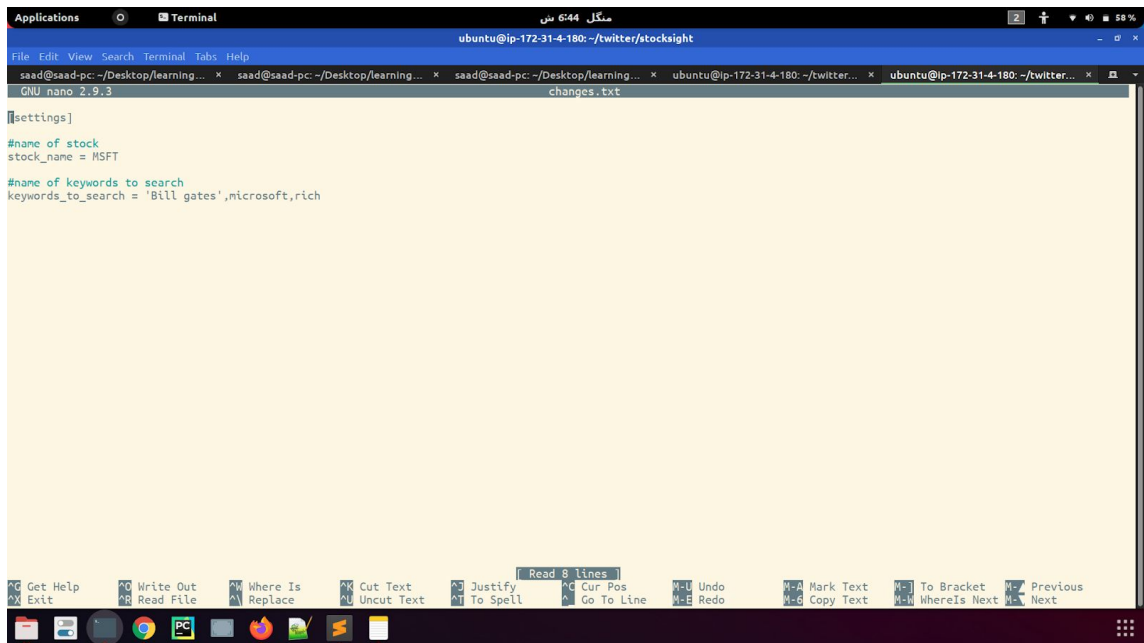
4. Now type these command in sequence :
   ● cd twitter/stocksight/
   ● source ~/twitter/venv/bin/activate

5. Now to run particular stock analysis on server you need to follow these steps:
   As on local pc we have softwares to edit text files but server does not have this perk we have to edit file using commands

First type **nano changes.txt** it will open terminal like this**:**

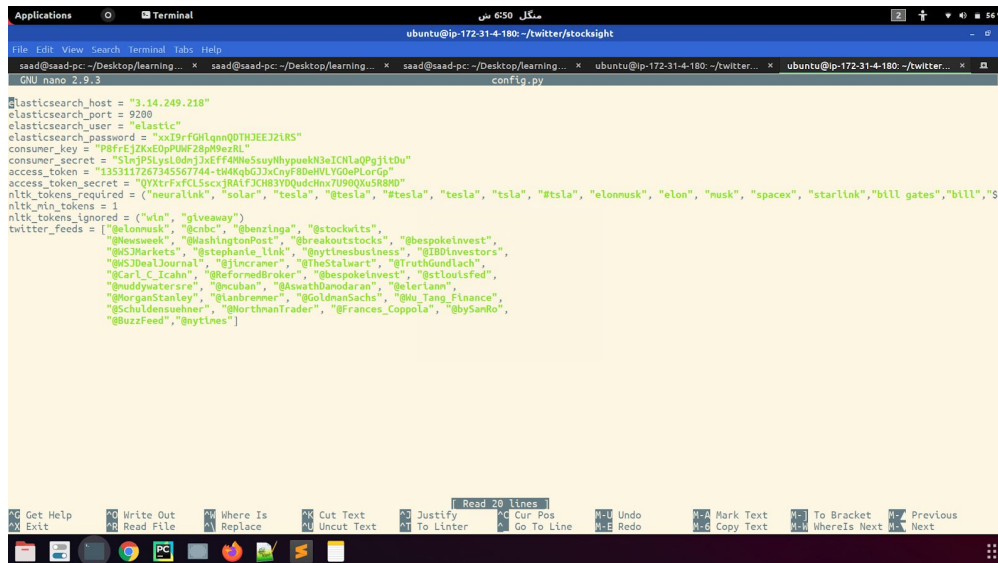**Now using keyboards arrows keys go to specific line and made the changes like this:**

- In front of **stock_name** write the name of stock like : MSFT or TSLA
- In front of **keywords_to_search** type the keywords you are looking into tweets (the system will select those tweets which contain these words and apply sentimental analysis on them)
  Format for keywords:
  - **Minimum 3 keywords are required**
  - **No spaces between keywords like :**
    elon,musk,tesla,richguy,richestman
  - **If you want to write word in space write in single quotes like:**
    'elon musk','bill gates',rich,richguy
- In front of **mine_url** type either true or false mine_url will start mining the link as well (if link is in tweet)
- In front of **followlinks** type either true or false followlinks will start mining from twitter_feeds added into config.py
- In front of **twitteruserids** type either true or false twitteruserids will start mining from the ids (if valid) in twitteruserids.txt

To save the file press **:**
- **Ctrl+o**
- **Enter**
- **Ctrl+x**

This will save the file and close the opened file

6. Now type **nano config.py** it will open terminal like this**:**

Now using keyboards arrows keys go to specific line and made the changes like this:

Here you will change:

a. **Nltk_tokens_required** : Here you have to copy at least 3 keywords you have written into step 5. Each keywords will be in double quotes like :
(“elon”, “musk”, “rich”, “Bill gates”)

b. **Twitter_feeds :** You will copy paste name of twitter accounts you want tweets of like **:**
[“@elonmusk”, “@nytimes”]

To save the file press **:**
- **Ctrl+o**
- **Enter**
- **Ctrl+x**

This will save the file and close the opened file

8. If you want to mine data from **twitteruserids** you can add those users in the twitteruserids.txt for that open **twitteruserids.txt** add ids numbers (one id at one line) and **save the file** make sure ids are valid

9**.** Type command **python main.py** and let this terminal open

10. Open a new terminal Repeat step 2, 3, 4 and then type **python price.py**

11. Now go to http://3.14.249.218/ this will open kibana go to dashboard to see the required results

12 .If you want to stop at any point (for each terminal)
- Press ctrl+z
- Now type exit and press enter you will get out of server