Crawling data Twitter

1. Mengambil data dari satu user (Twitter) dengan rentang waktu 2 hari yakni tanggal 22 - 23 Oktober 2019

```python
import tweepy
from tweepy import OAuthHandler
import datetime

consumer_key=" Isi consumer key anda"
consumer_secret=" Isi consumer secret anda "
access_token=" Access token anda"
access_token_secret=" Access token secret anda "
auth = OAuthHandler(consumer_key, consumer_secret)
auth.set_access_token(access_token, access_token_secret)
api = tweepy.API(auth,wait_on_rate_limit=True)

the_list = []
tweet_nya = api.user_timeline(screen_name='nama yg ingin diambil datanya',
count=200,tweet_mode="extended")
startDate = datetime.datetime(2019, 10, 22, 12, 00, 00)
endDate = datetime.datetime(2019, 10, 23, 13, 00, 00)

for tweet in tweet_nya:
    if tweet.created_at < endDate and tweet.created_at > startDate:
        the_list.append(tweet._json)

import pandas
myData = pandas.DataFrame(the_list)
print(myData)
```

2. Mengambil data dari Twitter dengan Hashtagh

```python
import tweepy
from tweepy import OAuthHandler
import csv

consumer_key=" Isi consumer key anda"
consumer_secret=" Isi consumer secret anda "
access_token=" Access token anda"
access_token_secret=" Access token secret anda "
auth = OAuthHandler(consumer_key, consumer_secret)
auth.set_access_token(access_token, access_token_secret)
api = tweepy.API(auth,wait_on_rate_limit=True)

csvFile = open('#Kamisan.csv', 'a')
csvWriter = csv.writer(csvFile)

for tweet in tweepy.Cursor(api.search,q = "#Kamisan",count=100,lang="id",since_id="2019-10-23").items():
    print (tweet.created_at, tweet.retweet_count, tweet.favorite_count, tweet.id, tweet.text)
    csvWriter.writerow([tweet.created_at, tweet.retweet_count, tweet.favorite_count, tweet.id, tweet.text.encode('utf-8')])
```

Note:
Warna merah : Hastagh atau topik yang ingin anda cari /ambil datanya

3. Mengambil 5 topik

```python
import tweepy
from tweepy import OAuthHandler, Stream, StreamListener

consumer_key=" Isi consumer key anda"
consumer_secret=" Isi consumer secret anda "
access_token=" Access token anda"
access_token_secret=" Access token secret anda "
auth = OAuthHandler(consumer_key, consumer_secret)
auth.set_access_token(access_token, access_token_secret)
api = tweepy.API(auth,wait_on_rate_limit=True)

class MyListener(StreamListener):

    def on_status(self, status):
        print(status)
        return True

    def on_error(self, status):
        print(status)

twitter_stream = Stream(auth, MyListener())
#ini untuk keyword
keywords=["makan","minum","indonesia","sumpah pemuda","hari pahlawan"]
twitter_stream.filter(track=keywords,languages=["id"])
```