

## Reading Tweets Activity

1. Start the mongo DB Server
2. Run the DB\_from\_file.py program to load tweets from a file.

From Anaconda prompt run this python program:

```
python DB_from_file.py bball bbcoll bball_mm2.txt
```

3. Now, get into python and look at the tweets

```
>>>import pymongo
>>>client = pymongo.MongoClient('localhost',27017)
#list the databases defined
>>>client.database_names()

>>>db = client.bball
>>>db.collection_names()
>>>coll=db.bbcoll
>>>docs = coll.find()

#convert the document cursor to a list of documents
>>>doclist = [tweet for tweet in docs]
>>>len(doclist)

# show difference from print
>>>print(doclist[:1])
Look through this to point out field names
```

Here is a little print function that will help.

```
>>>def print_tweet_data(tweets):
...     for tweet in tweets:
...         print('\nDate:', tweet['created_at'])
...         print('From:', tweet['user']['name'])
...         print('Message', tweet['text'])

>>>print_tweet_data(doclist[:5])
```

4. Then see if you can find the Screen names referenced in these tweets.
5. Can you display them?