Reading Tweets Activity Solution

Possible responses to the activity

```
>>> import pymongo

>>> client = pymongo.MongoClient('localhost',27017)

>>> client.database_names()

['admin', 'bball', 'fbusers', 'lax', 'local', 'peopledb', 'usgs']

>>> db = client.bball

>>> db.collection_names()

['bbcoll']

>>> coll = db.bbcoll

>>> docs = coll.find()

>>> doclist = [tweet for tweet in docs]

>>> len(doclist)

2000

>>> print(doclist[:1])
```

[{'id': 846489633387089920, 'user': {'contributors_enabled': False, 'protected': False, 'profile_background_color': 'BFD0D9', 'geo_enabled': True, 'profile_sidebar_fill_color': 'EFEFEF', 'profile_image_url_https': 'https://pbs.twimg.com/profile_images/732514428051181568/OkOVa8Ia_normal.jpg', 'profile_banner_url': 'https://pbs.twimg.com/profile_banners/513196438/1437359097', 'lang': 'en', 'url': None, 'following': None, 'followers_count': 256, 'id': 513196438, 'has_extended_profile': True, 'location': '', 'profile_sidebar_border_color': 'FFFFFF', 'friends_count': 217, 'listed_count': 1, 'profile_background_image_url': 'http://pbs.twimg.com/profile_background_images/850934042/26e0a43c1f821ac098571fb3de80944c.jpeg', 'is_translation_enabled': False, 'profile_background_image_url_https': 'https://pbs.twimg.com/profile_background_images/850934042/26e0a43c1f821ac098571fb3de80944c.jpeg', 'favourites_count': 2187, 'name': 'Will', 'entities': {'description': {'urls': []}}, 'profile_link_color': 'F70808', 'profile_text_color': '333333', 'default_profile_image': False, 'screen_name': 'frenchythe1st', 'translator_type': 'none', 'created_at': 'Sat Mar 03 13:54:37 +0000 2012', 'profile_image_url': 'http://pbs.twimg.com/profile_images/732514428051181568/OkOVa8Ia_normal.jpg', 'profile_use_background_image': True, 'statuses_count': 1104, 'description': "Do not worry about tomorrow, for tomorrow will worry about itself.-Matthew 6:34 HSC'20", 'profile_background_tile': True, 'is_translator': False, 'default_profile': False, 'verified': False, 'time_zone': 'Eastern Time (US & Canada)', 'follow_request_sent': None, 'id_str': '513196438', 'utc_offset': -14400, 'notifications': None},

'coordinates': None, 'in_reply_to_status_id_str': None, 'retweeted_status': {'id': 846214230026178564, 'user': {'contributors_enabled': False, 'protected': False, 'profile_background_color': '000000', 'geo_enabled': True, 'profile_sidebar_fill_color': 'C0DFEC', 'profile_image_url_https': 'https://pbs.twimg.com/profile_images/575376840304386049/atONJG3G_normal.jpeg', 'profile_banner_url': 'https://pbs.twimg.com/profile_banners/27059989/1431999643', 'lang': 'en', 'url': 'http://t.co/C2UFfLkjB1', 'following': None, 'followers_count': 3330, 'id': 27059989, 'has_extended_profile': False, 'location': 'Lexington, KY', 'profile_sidebar_border_color': 'A8C7F7', 'friends_count': 573, 'listed_count': 77, 'profile_background_image_url': 'http://pbs.twimg.com/profile_background_images/596008542/6qfqqg0jndpp3su53ay5.jpeg', 'is_translation_enabled': False, 'profile_background_image_url_https': 'https://pbs.twimg.com/profile_background_images/596008542/6qfqqg0jndpp3su53ay5.jpeg', 'favourites_count': 1231, 'name': 'Lee K. Howard', 'entities': {'description': {'urls': []}, 'url': {'urls': [{'display_url': 'facebook.com/profile.php?id…', 'expanded_url': 'http://www.facebook.com/profile.php?id=100003241678454', 'indices': [0, 22], 'url': 'http://t.co/C2UFfLkjB1'}]}}, 'profile_link_color': '0084B4', 'profile_text_color': '333333', 'default_profile_image': False, 'screen_name': 'HowardWKYT', 'translator_type': 'none', 'created_at': 'Fri Mar 27 18:09:16 +0000 2009', 'profile_image_url': 'http://pbs.twimg.com/profile_images/575376840304386049/atONJG3G_normal.jpeg', 'profile_use_background_image': True, 'statuses_count': 9463, 'description': 'Sports Anchor/Reporter for CBS/FOX in Lexington Kentucky, providing sports news and my random rants and chants!', 'profile_background_tile': False, 'is_translator': False, 'default_profile': False, 'verified': True, 'time_zone': 'Eastern Time (US & Canada)', 'follow_request_sent': None, 'id_str': '27059989', 'utc_offset': -14400, 'notifications': None}, 'coordinates': None, 'in_reply_to_status_id_str': None, 'metadata': {'iso_language_code': 'en', 'result_type': 'recent'}, 'in_reply_to_user_id': None, 'lang': 'en', 'favorite_count': 12590, 'is_quote_status': False, 'geo': None, 'possibly_sensitive': False, 'in_reply_to_status_id': None, 'favorited': False, 'in_reply_to_screen_name': None, 'created_at': 'Mon Mar 27 04:16:08 +0000 2017', 'in_reply_to_user_id_str': None, 'entities': {'hashtags': [], 'urls': [{'display_url': 'twitter.com/i/web/status/8…', 'expanded_url': 'https://twitter.com/i/web/status/846214230026178564', 'indices': [106, 129], 'url': 'https://t.co/TPZ6PuXHxH'}], 'user_mentions': [], 'symbols': []}, 'truncated': True, 'source': 'Twitter Web Client', 'retweet_count': 9739, 'contributors': None, 'place': {'contained_within': [], 'country_code': 'US', 'id': '6ffcf3b0b904bbcb', 'country': 'United States', 'full_name': 'Kentucky, USA', 'url': 'https://api.twitter.com/1.1/geo/id/6ffcf3b0b904bbcb.json', 'place_type': 'admin', 'attributes': {}, 'name': 'Kentucky', 'bounding_box': {'type': 'Polygon', 'coordinates': [[[-89.57151, 36.497129], [-81.964971, 36.497129], [-81.964971, 39.147359], [-89.57151, 39.147359]]]}}, 'retweeted': False, 'text': 'The final seconds of the Kentucky-North Carolina game was an emotional roller coaster for Big Blue fans.… https://t.co/TPZ6PuXHxH', 'id_str': '846214230026178564'}, 'metadata': {'iso_language_code': 'en', 'result_type': 'recent'}, 'in_reply_to_user_id': None, 'lang': 'en', 'favorite_count': 0, '_id': ObjectId('5aca8b348f5b161128bf4496'), 'is_quote_status': False, 'geo': None, 'in_reply_to_status_id': None, 'favorited': False, 'in_reply_to_screen_name': None, 'created_at': 'Mon Mar 27 22:30:30 +0000 2017', 'in_reply_to_user_id_str': None, 'entities': {'hashtags': [{'text': 'marchmadness', 'indices': [121, 134]}], 'urls': [], 'user_mentions': [{'id': 27059989, 'id_str': '27059989', 'indices': [3, 14], 'screen_name': 'HowardWKYT', 'name': 'Lee K. Howard'}], 'symbols': []}, 'truncated': False, 'contributors': None,

'retweet_count': 9739, 'place': None, 'retweeted': False, 'text': 'RT @HowardWKYT: The final seconds of the Kentucky-North Carolina game was an emotional roller coaster for Big Blue fans. #marchmadness #WKY…', 'id_str': '846489633387089920', 'source': 'Twitter for iPhone'}]

```
>>> 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[:1])
```

Date: Mon Mar 27 22:30:30 +0000 2017

From: Will

Message: RT @HowardWKYT: The final seconds of the Kentucky-North Carolina game was an emotional roller coaster for Big Blue fans. #marchmadness #WKY…

```
>>> for tweet in doclist[:5]:

...     print(tweet['user']['screen_name'])

...
```

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