In Class Exercise 2

For this question, please make use of the attached JSON file (tweets.json). Make use of Spark SQL library to answer the following questions:

1. Save the dataset as a DataFrame, and print the schema.
2. Get all of the tweets made by a user (any user would work. We should be able to replace user names to get tweets by that particular user).
3. Find count of all tweets by each user.
4. Get a list of all of the people who are mentioned in tweets.
5. Get a list of all hashtags mentioned in the dataset.
6. Find how many times each hashtag is mentioned in the dataset.