a. How does the program work?

1. The program takes the following variables from the user

* Key to be searched - input gets stored in SEARCH
* From and to dates - input gets stored in FROM and TO
* Number of tweets for the search key - input gets stored in num

2. Checks for user authorization using tweepy.

3. The following are stored in the file:

* User name
* Date
* Followers count
* Retweets count

4. Return the number of tweets for the search key.

b. How do you think you can use this code?

We can use the code to find:

* The top 10 employees of the year using rating as key.
* Count of employees according to department, location, position.
* Details of employees to fulfill any requirement using specific requirement key.
* Female to male ratio using count of female to male with employees as key.

c. Can you think of different scenarios where this code could be used for data

collection?

To get information about top selling items.

Steps to run the file:

* Unzip the contents of the zipped folder into a folder of your choice.
* Open command inside the newly created folder which contains the files.
* Type python tweets.py to run the file.
* Supply the value of N.
* The output files are created accordingly.

USA.txt is the file that contains the tweets from users.

Github repository link: [git@github.com](mailto:git@github.com):jananiarunachalam/twitter.git