

Michael Reilly

Professor Dugas

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I pledge my honor that I have abided by the Stevens Honor System.

PURPOSE: The purpose of the program is to receive a Twitter User screen name from the user, and use that to collect data about that user.

INPUT: The input to the command line to run the program is: `python3 Reilly_HW7.py`. This will then prompt the user with “Input Twitter User Screen Name: ” which then the user will input a screen name string or input “STOP” to end execution of the code.

OUTPUT: The output of the program if the user inputs “STOP” is it returning “Stop Execution.” Otherwise data will be printed onto the screen including user screen name, user name, user id, user description, location, friend count, and follower count. It will then print out the five most recent followers. It will then print out the five most recent tweets according to the guidelines given in the assignment description.

WHAT THE PROGRAM DOES: The program first authenticates the use of a twitter developer account, such as the one created for API7. Then it asks for the user’s screen name input. Then it will do the data analysis and print the data onto the screen in a readable format. This will continue in an infinite loop until the user inputs “STOP” in which the execution of the program will cease.

ADDITIONAL INFORMATION: The program is edited from the original `twitter_data.py` file that we were given with API7. Thus the authentication and api creation is not original code and instead comes from there.