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CS 581

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

### HW7 Report

Homework 7 involved writing a software which accessed Twitter's API and pulled user data. I found it to be surprisingly easy to pull user's data which was a little bit scary, considering it seems like anyone could easily do this. The purpose of the program was to continuously loop, prompting users for a username. Once given a username, the program checks if it is in Twitter's API. It then pulls the user's basic information such as screen name, username, id, description and follower count. After finding all that information and displaying it in the terminal, it creates a cursor to access the users timeline by screen name. With the timeline the program pulls the most recent tweet and displays it on the screen with the screen name and the date it was published. Finally a second cursor is created to access a users followers list by screen name. It then prints out to the console the first 10 usernames that follow the account specified. After that the program prompts the user for another username unless the user types "stop" in which it then ends the program. I found this to be a very interesting and eye opening assignment. While none of the information pulled is extremely personal, it seems like a more in-depth program could access a lot more than someone would be comfortable with.