**Thank you for applying for Geek Labs’ Backend Developer internship. Your technical task is to use Python to create a tool that scraps Twitter accounts for data.**

**IMPORTANT NOTE: You are not allowed to use Twitter API for this task. You should create a script that parses, scraps and displays information from a Twitter page.**

**Please note that you will no longer be considered for the program if you do not complete the task. Check your work for any errors, and do not plagiarize your code. You have 48 hours to complete this task.**

**Send us the completed task as a GitHub with a screen video recording of the script displaying the results via Whatsapp, and make sure all links and files are working correctly.**

You are allowed to ask clarifying questions via WhatsApp during the Task duration.

The scraper will take an input of 10 Twitter accounts and scrape them every X minutes, looking for mentions of stock symbols.

* **This is what a stock symbol looks like on Twitter: ‘’**$TSLA’’ – there will always be a Cashtag “$” before it
* **Your script inputs should be**
  + List of Twitter Accounts
  + Ticker (the $ with a 4 or 3 letter word) to look for
  + The time interval for another scraping session
* **The output displayed should be:**
  + The number of times the stock symbol was mentioned
  + Stock Symbol (e.g. $TSLA, $SOFI, $APPL, etc.)
  + The time interval used

Output example: **“‘’$TSLA’’ was mentioned ‘’10’’ times in the last ‘’15’’ minutes.”**

Use these 10 Twitter accounts:

* <https://twitter.com/Mr_Derivatives>
* <https://twitter.com/warrior_0719>
* <https://twitter.com/ChartingProdigy>
* <https://twitter.com/allstarcharts>
* <https://twitter.com/yuriymatso>
* <https://twitter.com/TriggerTrades>
* <https://twitter.com/AdamMancini4>
* <https://twitter.com/CordovaTrades>
* <https://twitter.com/Barchart>
* <https://twitter.com/RoyLMattox>

Your tool and code should be clear, well-commented, and well-structured. You can use packages and libraries **but don’t use APIs.**