**QMasters Development Challenge**

**Background**

Your development team uses Slack for chatting with each other as well as sharing some technical resources. You have just found several pages on Twitter, with interesting content about Python, which might be useful for your team. Therefore, your task is to build Slack bot, which uploads every new tweet from the interesting sources you have just found.

**Instructions**

1. Research about Slack and Twitter REST APIs.
2. Write a basic Slack bot, that posts a message **to a slack channel** called *content,* with the current time. This message should be **sent every hour**, as well as be **available as a command** of *now*.
3. Add a slack command of *new-content,* which pulls new tweets from the following pages:
   1. Python Weekly
   2. Real Python
   3. Full Stack Python

New tweets are considered as all tweets from last hour. The tweets should be displayed **in the slack channel**.

1. Create a Twitter user for Python content. Then, add to your bot the ability to **check for new tweets** from your Twitter page, and **post the new tweets automatically to the *content* channel**.   
   Please make sure that every tweet gets only posted once.

**Bonuses**

1. Your company has new development teams, which develop in new programming languages. Add to the *new-content* command an argument of language, which specifies the sources’ programming language. Here are some examples for sources in other languages:
   1. JavaScript Daily
   2. C# StackOverflow
   3. Jason Turner (for C++)
2. Add a command of *tweet,* which post a tweet to the user you have created.

**Rules and Notes**

1. You can use an external library for accessing Slack or Twitter, but just for one of them. You should use REST API for the second endpoint (Slack or Twitter).
2. Write clean and modular code. You should design your bot, before implementing it.
3. Please note the time you have worked on this assignment, including research.
4. Please send the code to [orita@qmasters.co](mailto:orita@qmasters.co) *.* For questions or problems about the assignment, send to the email motioned above.