UF UNIVERSITY of FLORIDA
Herbert Wertheim College of Engineering

Made by: Rob

Using the Stepik Mass-Autograder

Requirements: pip installer, Python 3.x.x and above, faculty Stepik account

1. Open a terminal in the current directory and type

```
pip install .
```

to install the currently loaded PyPi module that interacts with the Stepik API, courtesy of Anton Hulikau and Pavel Sviderski (repo found at https://github.com/StepicOrg/SubmissionUtility/)

2. Afterwards, go to https://stepik.org/oauth2/applications/ and create a new application with a **public** client type and **client-credentials** AGT

3. In the same directory, type

```
submitter init
```

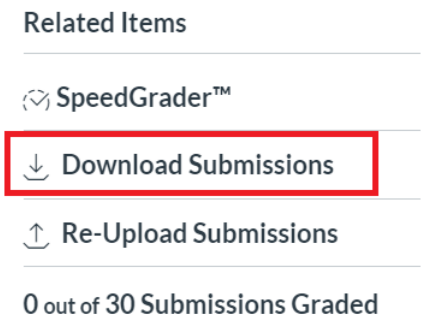
and it will prompt you to enter both your client ID and client secret ID from your stepik application.

4. After you authorize your app, then set what problem you want to grade by doing

```
submitter problem url
```

where the url is the coding challenge's unit url (e.g https://stepik.org/lesson/12345/step/1?unit=12345)

5. Now that these are set, go to the canvas assignment where students submitted their .cpp files, and hit the "Download Submissions" button on the right of the page



6. Drag all (you don't have to handpick the code files, other filetypes are fine) of the contents of this folder to the "submissions" folder in the directory

7. Run the grader by specifying the optional verbose flag and required language option by doing

```
python mass_grader.py -v C++
```

The process can take a long time to finish, depending on the problem. On average, it will take about 30 seconds per student.