In this lab you will learn how to:

* Set up a task queue with your web application
* Call an external API to get the definition to your word

You are tasked with the following:

Using [this code.](https://slides.com/kayashaolu/backend-webarch-api/live#/18) as a base, add a new route /get\_synonym to get a list of words that have similar meanings to the given word. You can use the[Datamuse API.](https://www.datamuse.com/api/)using the "means like" feature to get the words. Please use an asynchronous task queue to call the API:

Input: word

Output: array of first ten synonyms

You will need to build both a webserver.py, which will use Flask and be the running webserver for this lab (in its own folder), and a taskrunner.py, which will contain the code the workers are executing (calling the external service, and also in its own folder).