Trouble Shooting: Link CircleCI with Github Account for Setting up a CI Workflow

**If you get the following exception while doing docker login**

docker login -e $DOCKER\_HUB\_EMAIL -u $DOCKER\_HUB\_USER\_ID -p $DOCKER\_HUB\_PWD  
flag needs an argument: -p  
See 'docker login --help'.  
  
docker login -e $DOCKER\_HUB\_EMAIL -u $DOCKER\_HUB\_USER\_ID -p $DOCKER\_HUB\_PWD returned exit code 125  
  
Action failed: docker login -e $DOCKER\_HUB\_EMAIL -u $DOCKER\_HUB\_USER\_ID -p $DOCKER\_HUB\_PWD

It is EXPECTED that your build will FAIL at logging into Docker Hub step. This is because this build is against the latest master branch which includes publishing to Docker Hub. To fix it, we will inject the Docker Hub login credentials to CircleCI in the next lecture. There is no action needed from you, just follow along the next lecture.

**If your build failed at running docker compose run  and get the following exception:**

docker-compose run dockerapp python test.py  
ERROR: In file './docker-compose.yml' service 'version' doesn't have any configuration options. All top level keys in your docker-compose.yml must map to a dictionary of configuration options.  
  
docker-compose run dockerapp python test.py returned exit code 1

This is a know issue.

https://github.com/docker/compose/issues/4349

There are two ways to fix it up.

1. Add sudo pip install --upgrade pip before running sudo pip install docker-compose  to ensure that you get the latest version of docker compose.
2. Or you can replace sudo pip install docker-compose  with sudo pip install docker-compose==1.9.0  so that you will be using docker-compose 1.9.0 instead of an outdated version.