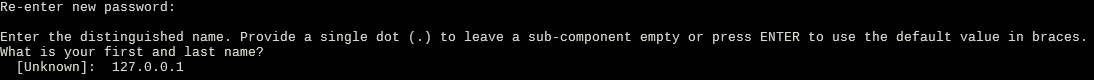
Boonlert Randy (74297)

1. Generate and download the required files from start.spring.io following the tutorial video
2. Download keycloak zip from keycloak.org and extract to the project folder
3. Generate java keystore to the project folder. (the first and last name must be the localhost ip address 127.0.0.1)



1. Extract the certificate from the generated keystore.



1. Import the extracted certificate to local java cacerts.



1. In the OS terminal change directory to the keycloak/bin folder.
2. Start keycloak server with https enabled



1. Set up keycloak. <https://www.youtube.com/watch?v=IYAI1gEUVfw>
2. Download and install mysql server.
3. Start mysql server using the OS terminal.



1. Download and extract curl from curl.se
2. In the OS terminal change the directory to curl/bin folder
3. Use curl using the admin-cli OpenID token to send a POST request to get access token. (the access key will expire in 5 minutes by default)



1. Follow the rest of the tutorial video.
2. Use the access key from the curl POST request to authorize the swagger api.