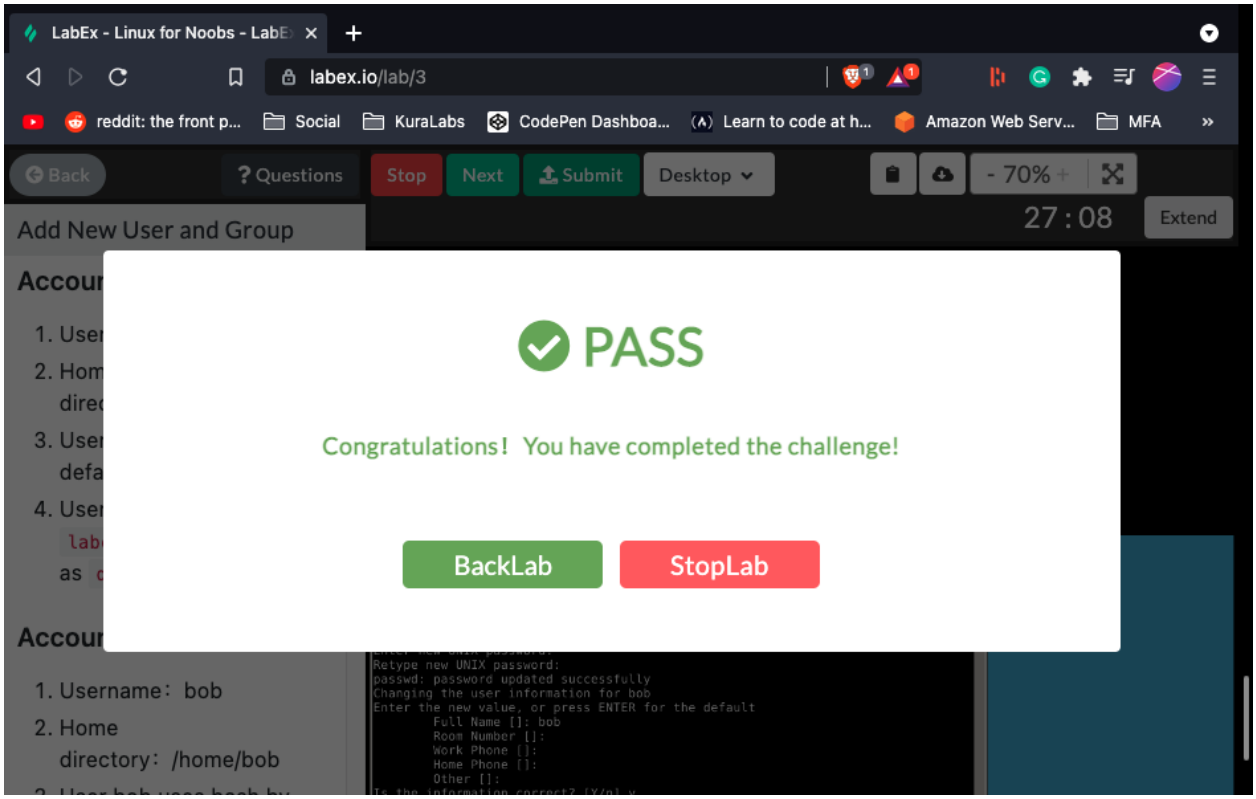
Linux for Noobs Lab Assignment

1. Add New User and Group



   a. Create Users

      i. $ sudo adduser jack

      ii. $ sudo adduser bob

   b. Create Groups

      i. $ sudo groupadd dev && groupadd test

   c. Add Users to appropriate groups

      i. $ sudo usermod -a -G dev jack

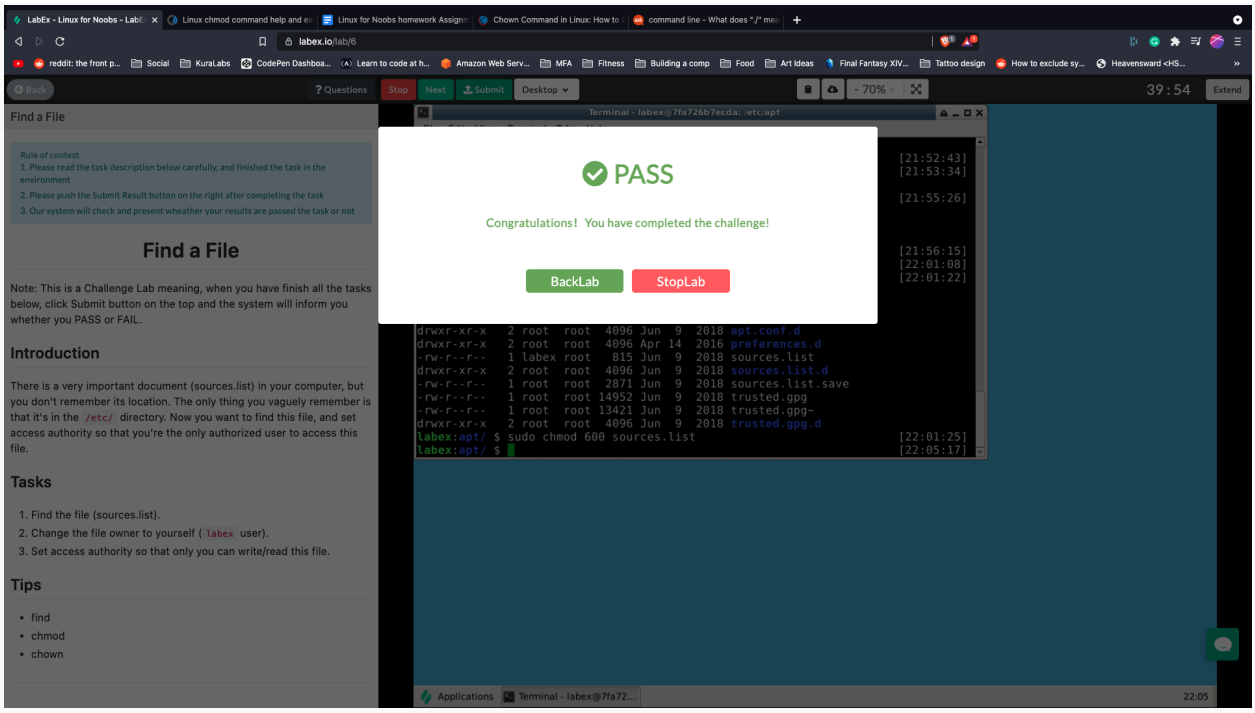
      ii. $ sudo usermod -a -G test bob

   d. Change default shell

      i. $ sudo usermod --shell /bin/zsh jack

ii. Default shell is bash so need to change bob's default

2. Find a File



a. Find the file sources.list within the etc directory

i. $ sudo ./ find -name sources.list

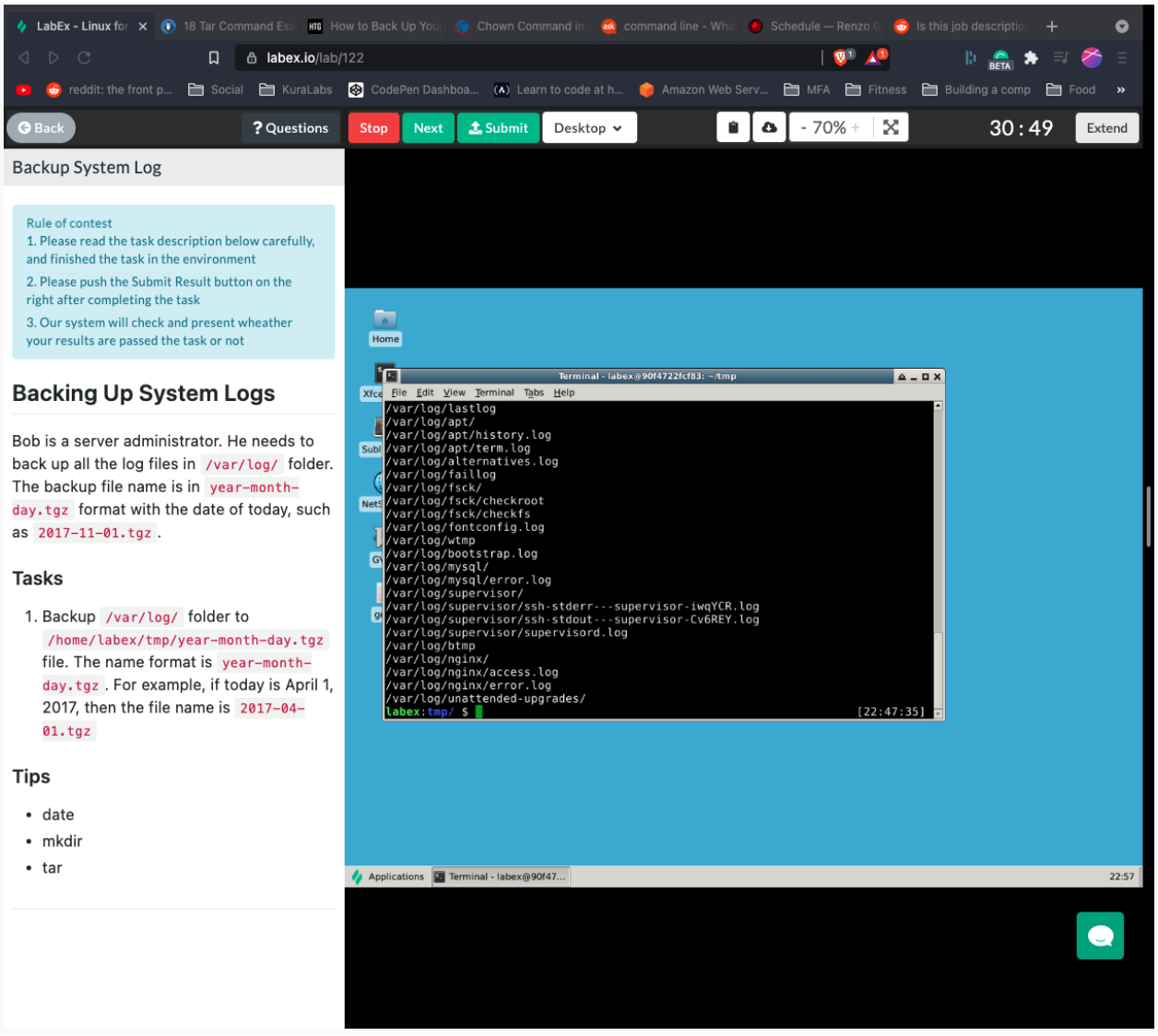
b. Change file owner to yourself(labex user)

i. $ sudo chown labex ./apt/sources.list

c. Change access authority so that only you can read/write

i. $ sudo chmod 600 sources.list

3. Backing Up System Logs



a. Create a new tmp folder for the backup

i. $ mkdir tmp

ii. $ cd tmp

b. Create a backup within the tmp folder

i. $ sudo tar -cvf 2021-07-16.tgz /var/log/

c. ›

4. Analyze Historical Commands

a. Retrieve file called data1

   i. $ wget

      https://labexfile.oss-us-west-1-internal.aliyuncs.com/courses/1/data1

b. Make a result directory under the labex directory

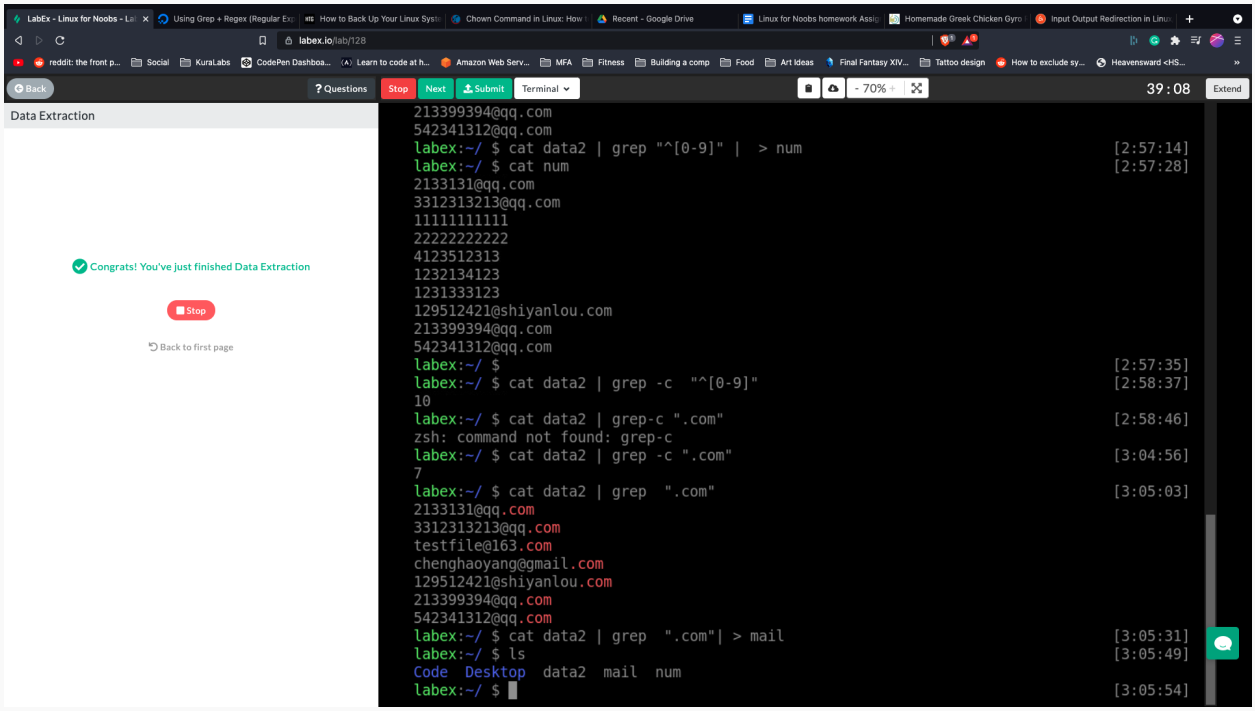
   i. $ mkdir result

c. Move data1 file to result directory(because I messed up)

   i. $ mv data1 result

d. Currently stuck on attempting to cut the commands by themselves from the line

5. Extracting Data



a. Retrieve file called data2

   i. $ wget http://labfile.oss-cn-hangzhou.aliyuncs.com/courses/1/data2

b. To match the lines beginning with a number and write the result to `/home/labex/num` .

i. $ cat data2 | grep “^[0-9]” | > num

c. Match the correct format of the mailbox, and write the result to `/home/labex/mail`.

i. $ cat data2 | grep “.com”| > mail