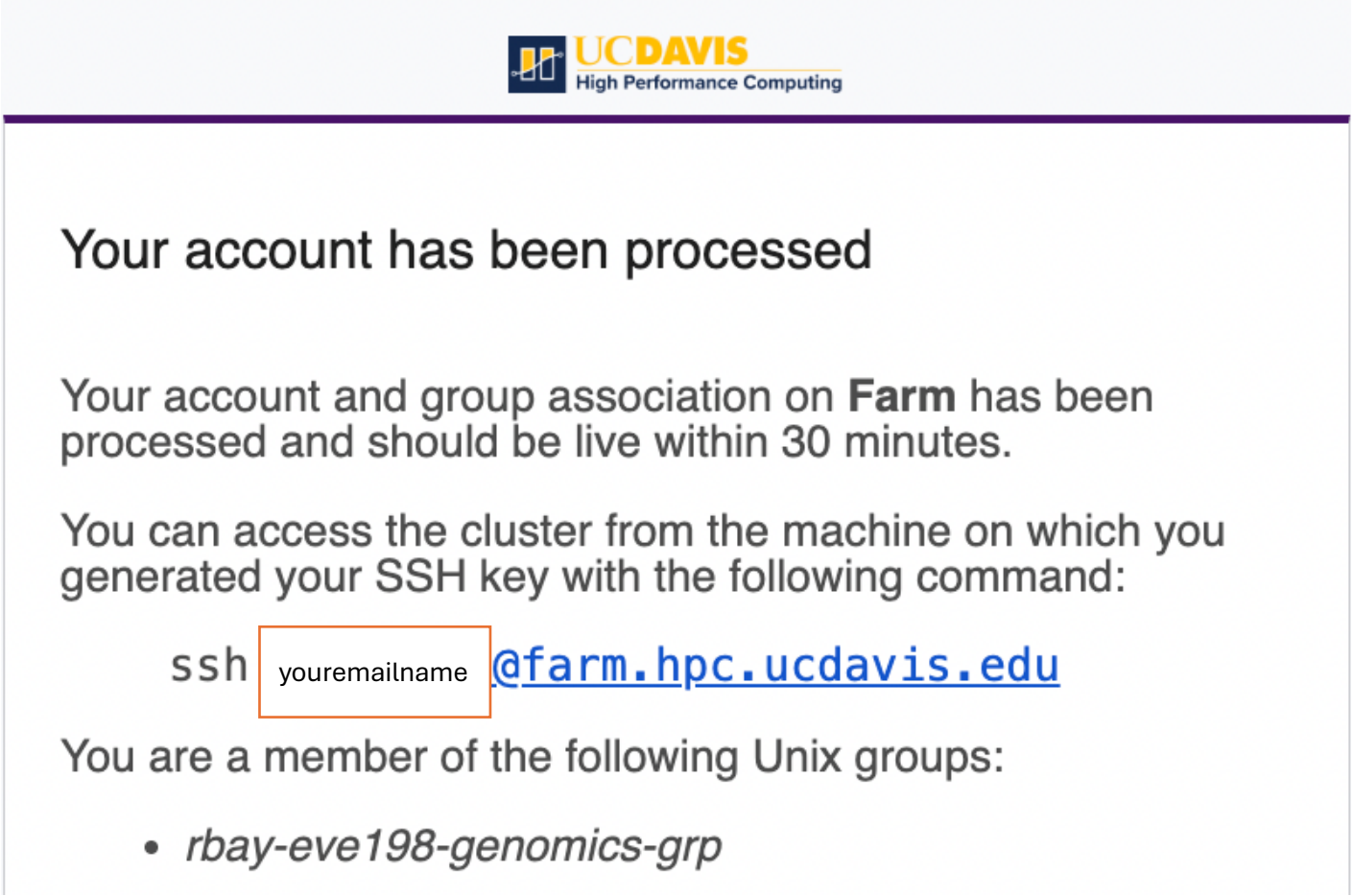
For this course we will be using Farm OnDemand. First go to UCDavis HiPPO (the high-performance personnel onboarding) site and make an account: <https://hippo.ucdavis.edu/Farm/myaccount>. The group will be: rbay-eve198-genomics-grp and the supervising PI is: Rachael Bay. If you already have access to a farm account, click “request access to another group” and fill in the same information.

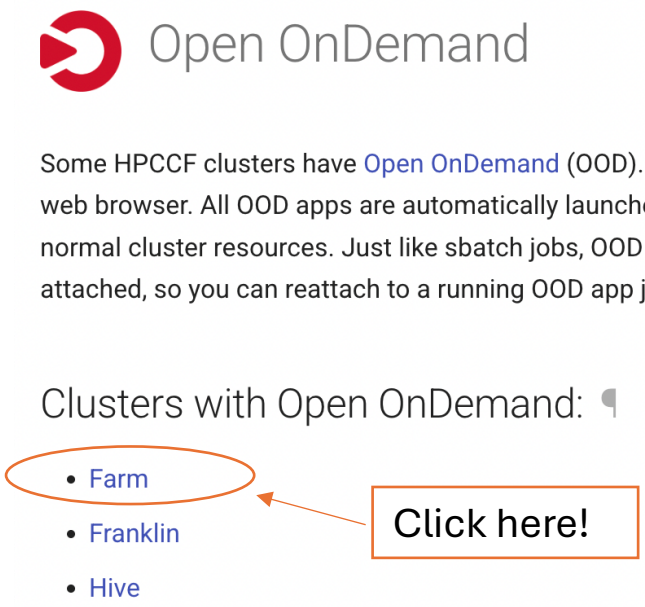
A text box will pop up. Fill out name and other information for a farm account. Two boxes will be clicked: unclick SSH (you will not have an SSH key) and make sure “ondemand” is clicked.

After you have filled out your information for your farm account at you will get an email from HiPPO that your farm account has been approved! It will take a little bit so do this ASAP!

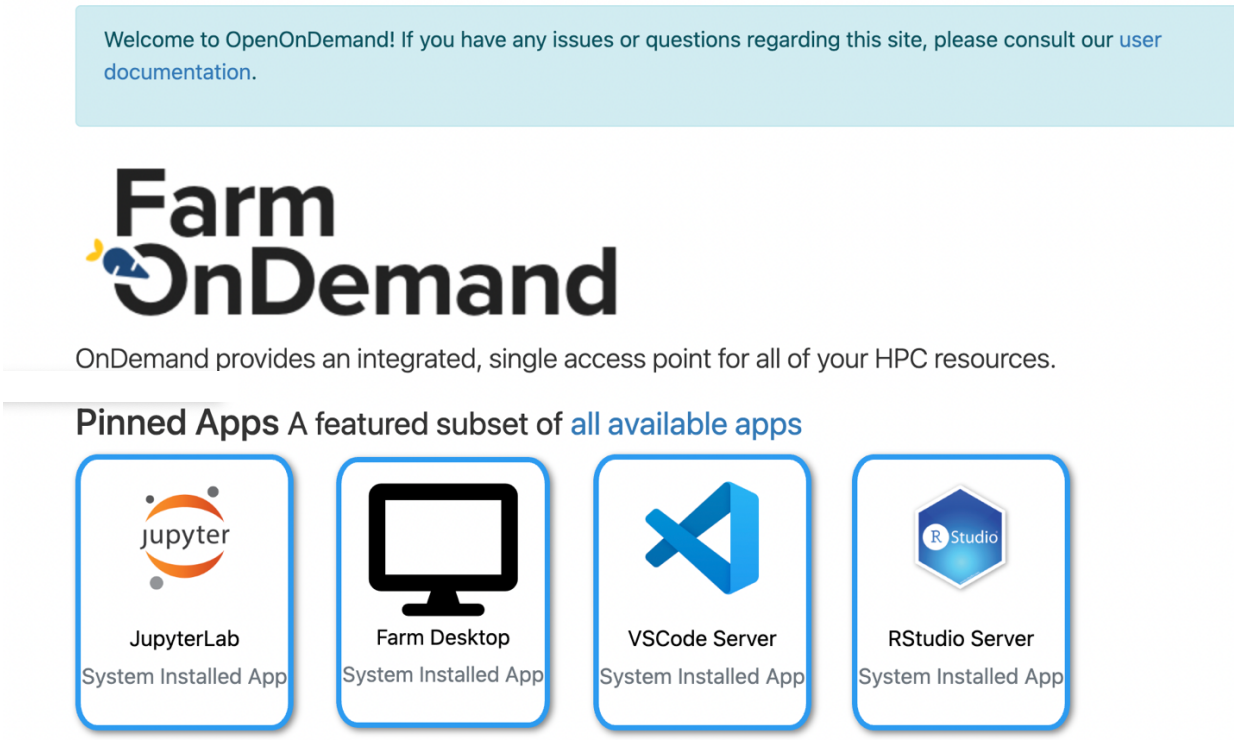


Then navigate to this website to open you ondemand farm window: https://ondemand.farm.hpc.ucdavis.edu/pun/sys/dashboard/

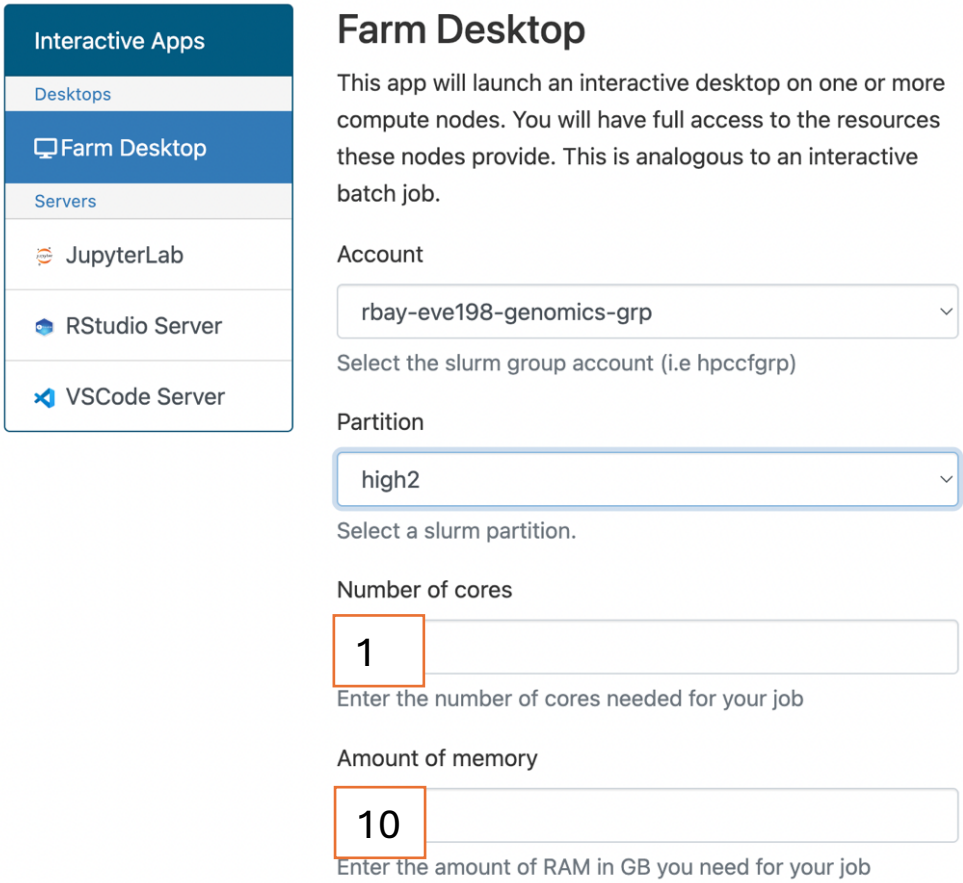
Click “farm” on that page!



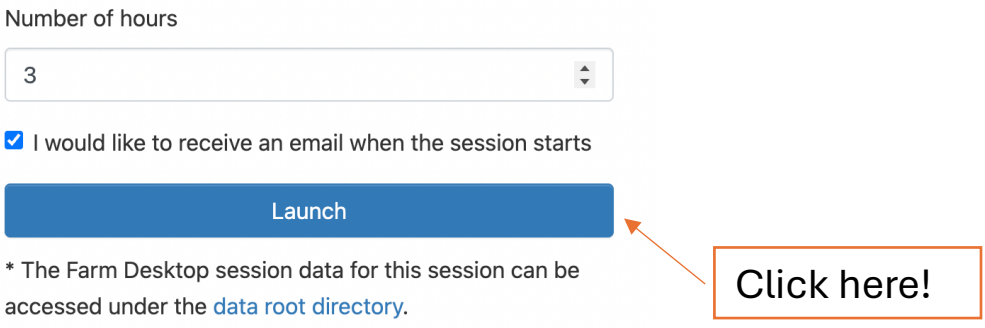
Then click “farm desktop”. Later in the class we will navigate to the RStudio server (week 5)



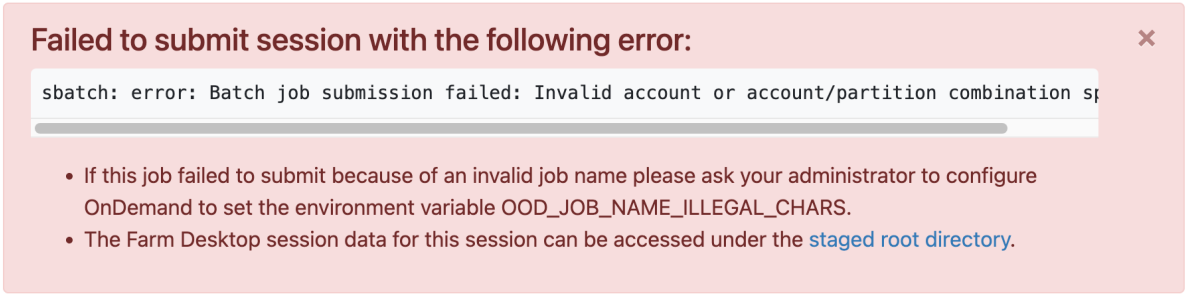
Now your screen should look like this! Use the following account, partition, 1 core and 10 GB memory below. Most of the jobs we run won't need a lot of memory so we will stick with the baseline set up. The length of time your request for your job runs can vary, but start



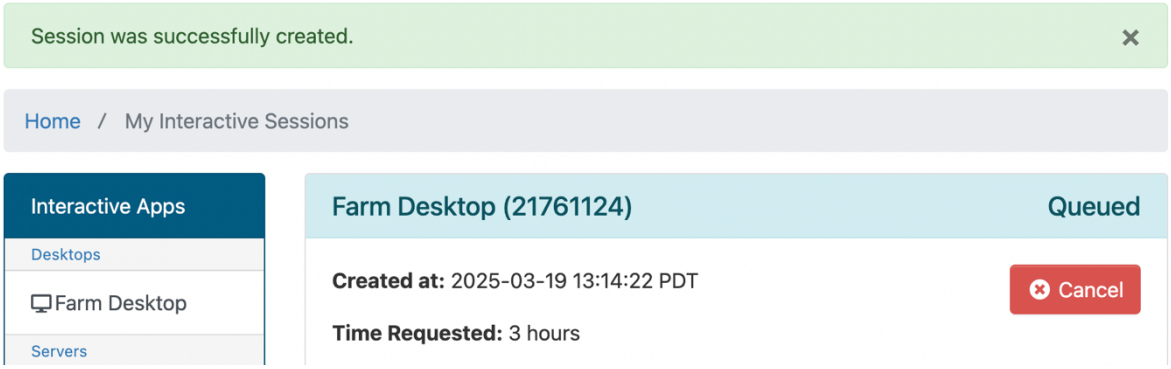
by having your job run for <u>3 hours</u> so that it lasts the length of the class. Then hit launch!

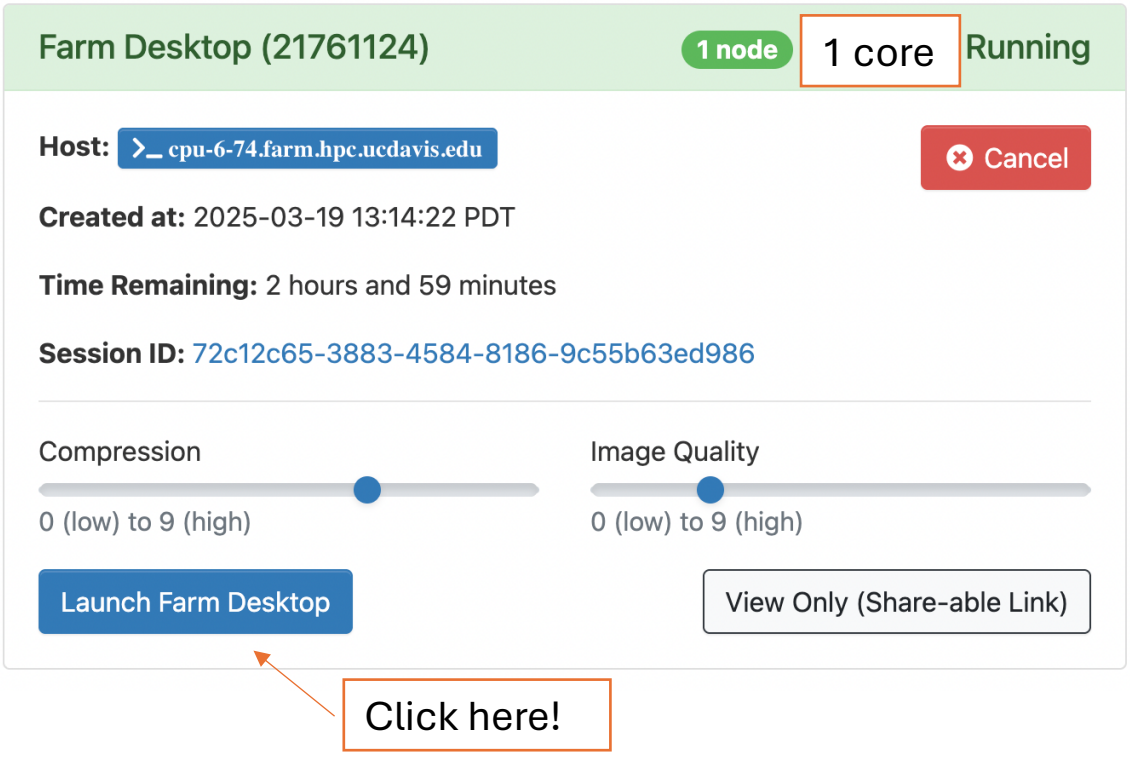


If you click the wrong account/partition you will get this error:



It will take some time, but once your job goes from queued to running you can click the button “launch farm desktop”





Your screen will then open up a desktop with a mouse as the background. Click the black box at the bottom to open up terminal. Now we ready to start coding!