CloudLab Instructions

Click on the link to head to UCSD CloudLabs: https://cloudlabs.ucsd.edu/

Sign into the Active Directory:

You will then be directed to "Your CloudLabs" where you should see "CSE 12 - Basic Data Struct & OO Design". Click on "LinuxCloud Remove Desktop":
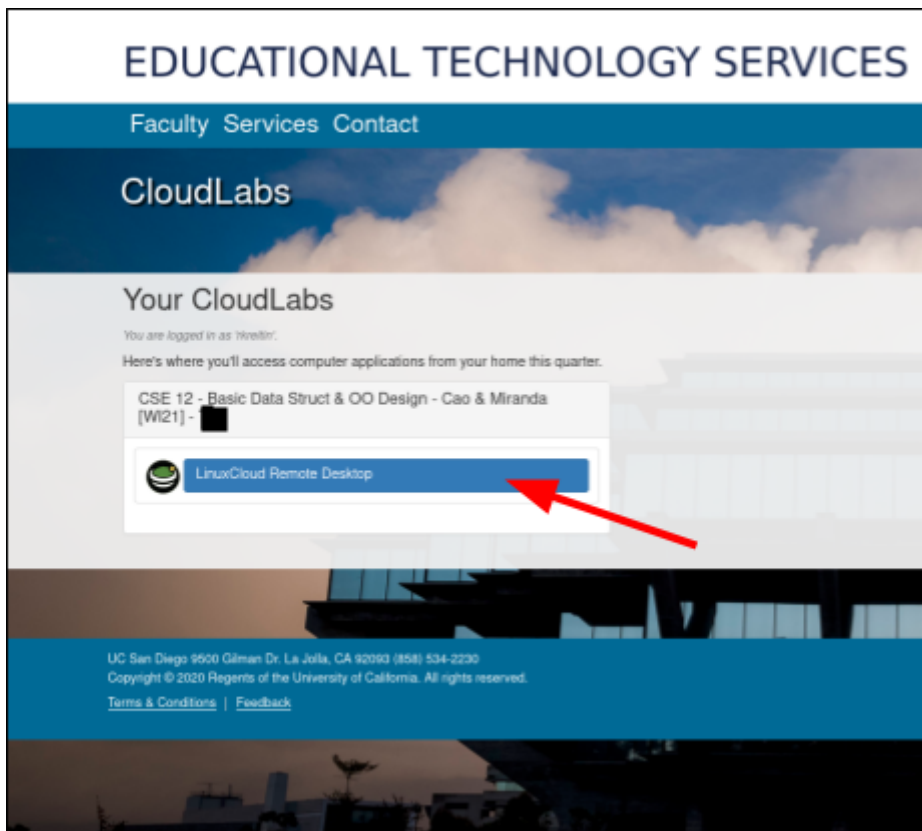
You will then be redirected to another sign-in page. Use your USCD sign-in (this is the same as the one you used before) and complete the Duo Two Factor authentication:

Once you finish signing in, you will be directed to a page that says "Recent Connections" and "All Connections". Under "All Connections" you have the following options:

ALL CONNECTIONS

⊕   ieng6 Server Remote Desktops

⊕   Linux SSH terminals

❯_   Server Information and Account Troubleshooting

ieng6 Server Remote Desktops:
Allows you to run a simulated desktop version of the Linux server through your browser. You can think of this as running one of the lab computers in the CSE basement through your own computer. This is more user friendly as it includes a graphical user interface.
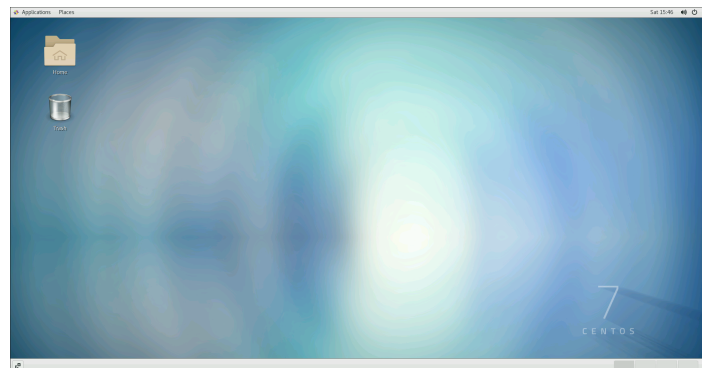
Linux SSH terminals:
Allows you to run only the Linux server terminal through your browser. There is no interface so everything must be done with command lines. If you want extra practice with navigating and coding with the terminal this is a great way to challenge yourself! Note, we will not be covering command lines for the terminal aside from compiling and running java files. However, CSE 15L should cover some basics.

When you expand the list (click on the + sign), you will see different machines you can connect to. You may click on any of the options and it will launch either the remote desktop or the terminal (depending on what you chose to use above). Note, try to choose a machine that is not as busy.

All of your work will be saved to your account so you may use any of the machines and still have access to your work. For example, if you save a file to the "Documents" folder in ieng6-240.ucsd.edu, you can access it from ieng6-241.ucsd.edu, ieng6-242.ucsd.edu, and so on.

ALL CONNECTIONS

- ieng6 Server Remote Desktops
  - ieng6-240.ucsd.edu
  - ieng6-241.ucsd.edu
  - ieng6-242.ucsd.edu
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  - ieng6-640.ucsd.edu
  - ieng6-641.ucsd.edu
  - ieng6-700.ucsd.edu
  - ieng6-701.ucsd.edu
  - ieng6-702.ucsd.edu
- Linux SSH terminals
- Server Information and Account Troubleshooting