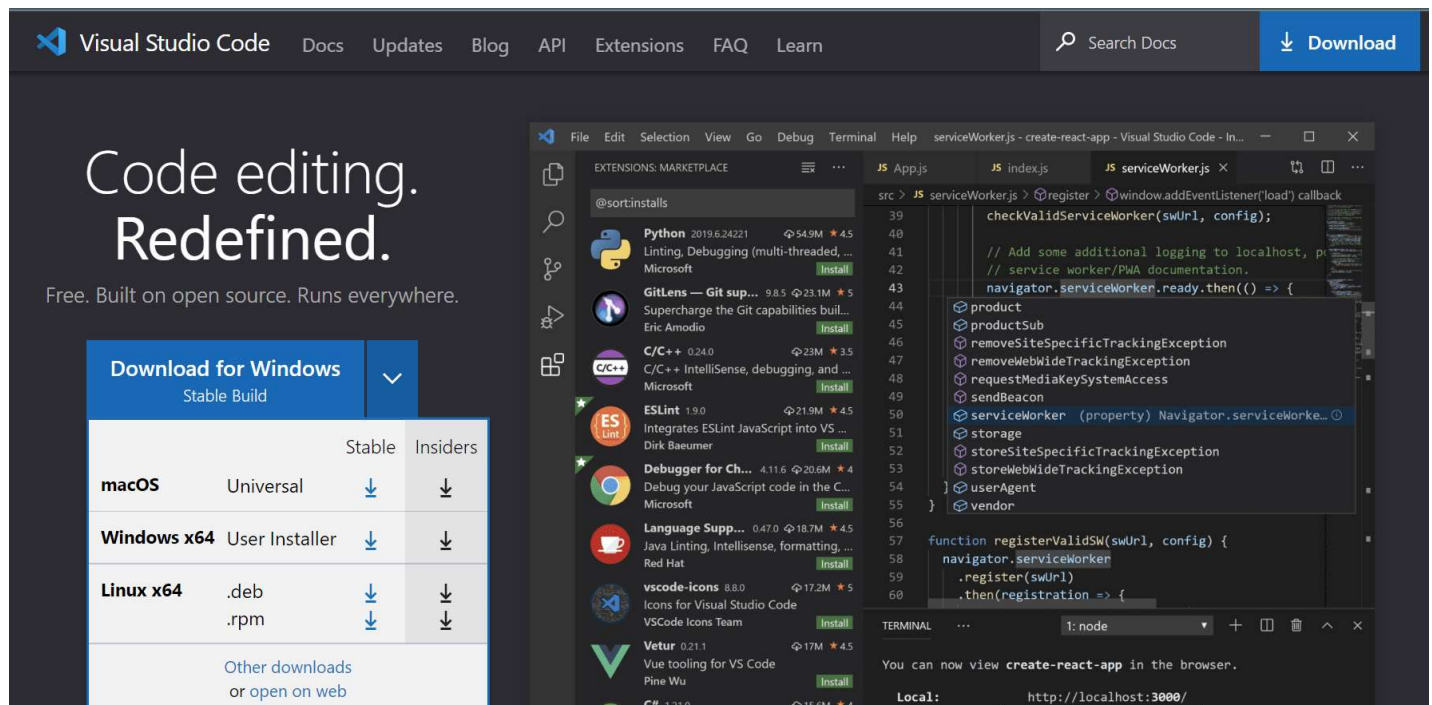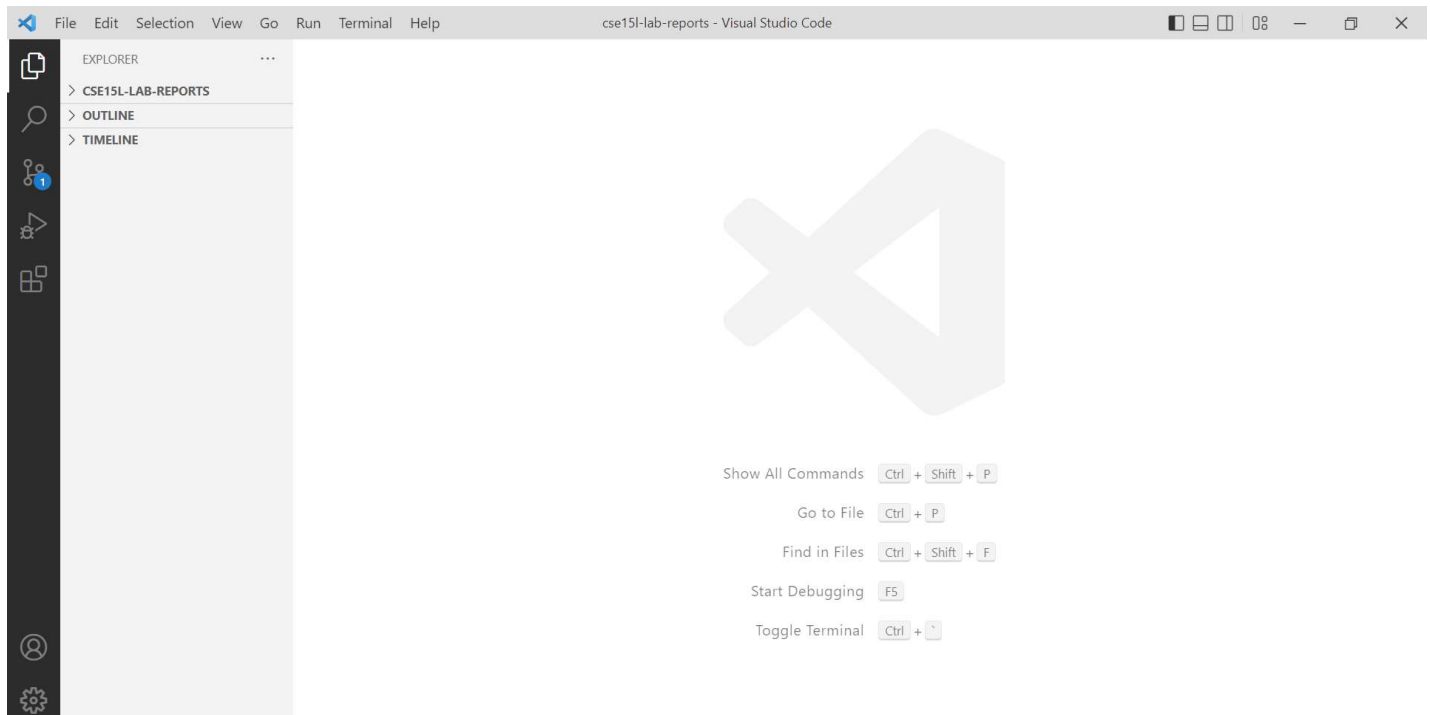# cse15l-lab-reports

Hello! This is a tutorial on how to log into a course-specific account on ieng6.

Step 1: Installing VScode

- Go to visualstudio.com
- Click on download for Windows, or on the arrow to select your corresponding OS.

- Once installed, you should be able to see something like this:

Step 2: Remotely Connecting

We will connect remotely through a terminal in VScode, but first you need your course-specific account.

Finding your course-specific account

To do so, follow this link and type your UCSD username and PID. It should follow the format "cs15lwi23xx". Where xx is specific to you. From this page, you can change your password.

Resetting your password.

1. The password to this account is the same as your MyTritonLink account. To change it click on "Change Your Password" from the account lookup results page.

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Account Lookup Results

Welcome, Leeza Gutierrez-ramirez.

Your username is **cs15lfa22dl**.

Your password was last changed on **Sunday, September 29 2022, 08:37 AM PT**.

You can change your password for this account.

Additional Accounts

You have additional ETS accounts associated with your Student ID.

Click each button for more information about those accounts.

lgutierrezramirez

cs12fa22au

1. Go ahead and input your UCSD username and PID.

2. Type your current tritonlink password then type your new password.

3. Below the Confirm Password prompt, select No for Change MyTritonLink password.

4. Do NOT click Check Password. This will invalidate your new password. Instead click on the textbox under Confirm Password and press ENTER.

You have **2 options** for changing your password.

Your password was last changed on 29-sep-2022 08:37:43

I know my password

Current Password

....

New Password (12-30 characters)

....

Confirm Password

....

Change MyTritonLink password? No ⌄

You have the following temporary course-specific accounts:

- cs15lfa22dl
- cs12fa22au

Change course-specific account passwords? Yes ⌄

Check Password   Clear Fields

1. After resetting your password, this will come up.

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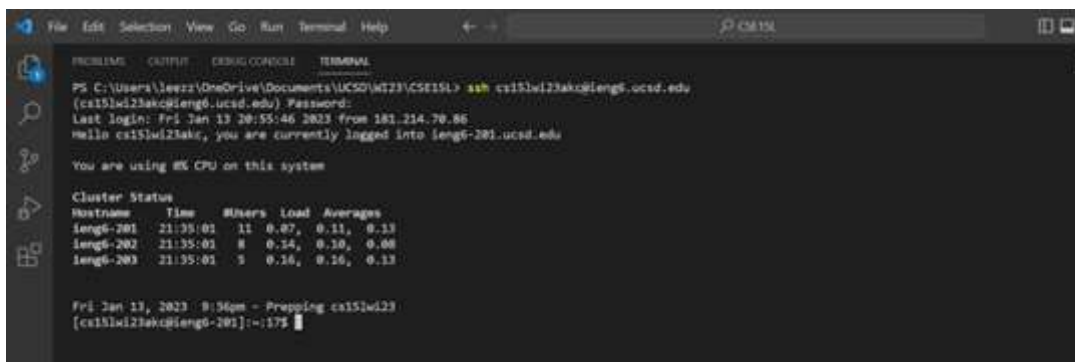## Global Password Change Results

Success!

Your password change has been conditionally accepted.

Please be patient—it will take **up to 15 minutes** for your new password to go into effect.

Remotely Connecting Through a Terminal

- To open a terminal on VScode, press ctrl + ` or click on "Terminal" on the top of the page and select "New Terminal".

- To connect, type the following command:

  `ssh cs15lwi23xx@ieng6.ucsd.edu`

- If it's your first time connecting to the server you might get a message ending in "(yes/no/[fingerprint]):". You should type "yes" and press enter.
- Then the terminal will ask for your password.
- Once you're logged in, you'll get a message like the one in the image.

Step 3: Try Some Commands

We'll try running the commands `cd` , `ls` , `pwd` , `mkdir` , and `cp` .

Whenever you see `~` , it stands for the home directory.

- `cd` stands for "change directory" and its function is to change to another directory (self-explanatory).

  ○ `~> cd ~\otherDirectory`
- `ls` lists the elements inside a directory.
  ○ `~> ls`

- `pwd` sta nds for "print working directory" and that is exactly what it does.

Below is an example, be careful to follow each line.

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\leezz\OneDrive\Documents\GitHub\cse15l-lab-reports> cd C:\Users\leezz\OneDrive\Documents\Lab1
PS C:\Users\leezz\OneDrive\Documents\Lab1> ls


    Directory: C:\Users\leezz\OneDrive\Documents\Lab1


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
-a---l         9/30/2022    2:19 PM            26 Hello.txt


PS C:\Users\leezz\OneDrive\Documents\Lab1> pwd

Path
----
C:\Users\leezz\OneDrive\Documents\Lab1
```

- `mkdir` creates a folder in your current directory.
  - `~> mkdir newFolder`

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

PS C:\Users\leezz\OneDrive\Documents\Lab1> cd C:\Users\leezz\OneDrive\Documents
PS C:\Users\leezz\OneDrive\Documents> mkdir C:\Users\leezz\OneDrive\Documents\Lab1.1


    Directory: C:\Users\leezz\OneDrive\Documents


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-----         9/30/2022    2:24 PM               Lab1.1
```

- `cat` displays the content of a file.
- `cp` copies a file into another directory.
  - `~> cp file.txt ~\otherDirectory`

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   > powershell −

```
PS C:\Users\leezz\OneDrive\Documents\Lab1.1> cd C:\Users\leezz\OneDrive\Documents\Lab1.1\Hello1.1.txt
PS C:\Users\leezz\OneDrive\Documents\Lab1.1\Hello1.1.txt> cp C:\Users\leezz\OneDrive\Documents\Lab1.1\
1102.txt
-a---l        9/30/2022    2:19 PM            26 Hello.txt


PS C:\Users\leezz\OneDrive\Documents\Lab1> cat Hello.txt
You are in Lab 1 folder :)
PS C:\Users\leezz\OneDrive\Documents\Lab1> cp Hello.txt C:\Users\leezz\OneDrive\Documents\Lab1.1
PS C:\Users\leezz\OneDrive\Documents\Lab1> cd C:\Users\leezz\OneDrive\Documents\Lab1.1
PS C:\Users\leezz\OneDrive\Documents\Lab1.1> ls


    Directory: C:\Users\leezz\OneDrive\Documents\Lab1.1


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
da---l        9/30/2022    2:27 PM                Hello1.1.txt
-a---l        9/30/2022    2:19 PM            26 Hello.txt


PS C:\Users\leezz\OneDrive\Documents\Lab1.1> █
```

This is it! Thank you for following along with my tutorial.