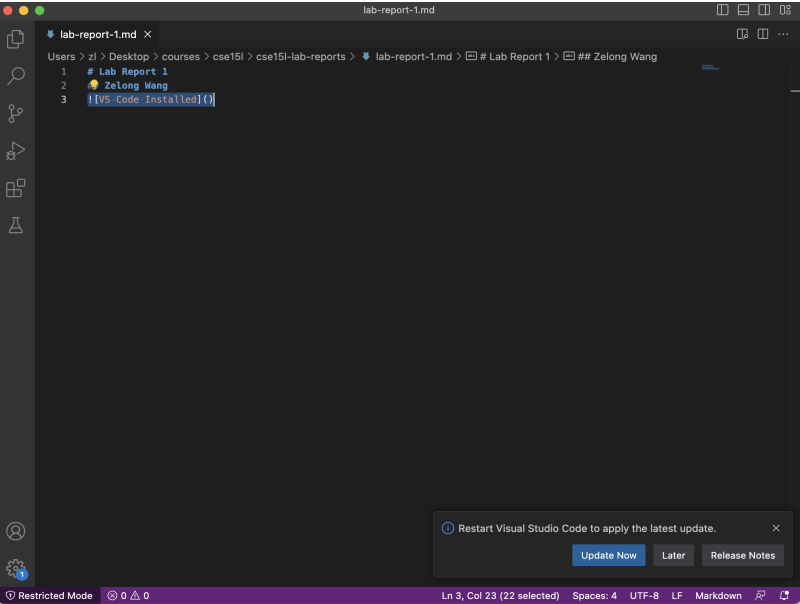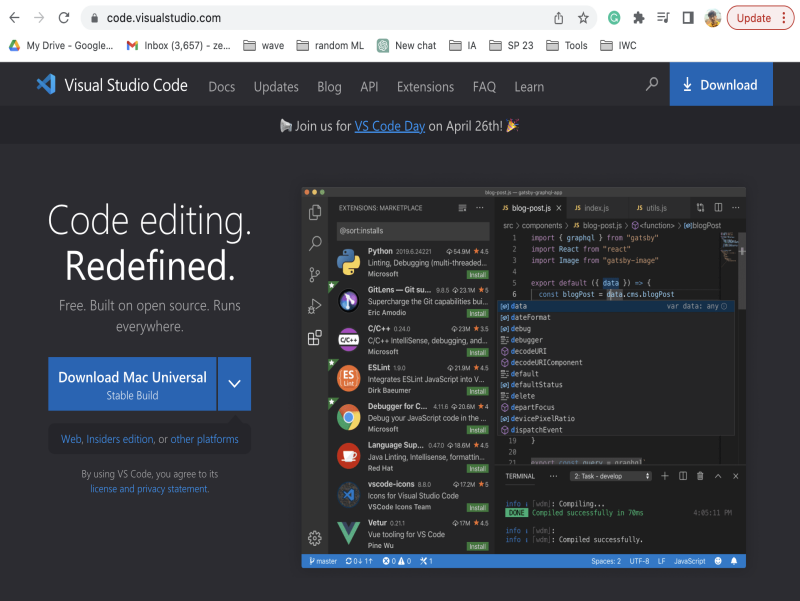# cse15l-lab-reports

Lab Report 1

Zelong Wang

Part 3 - Visual Studio Code

I installed and used VS Code for other classes. So it's already installed. Generally, you just search vscode on Google, go to their website and select the one that match your operating system.
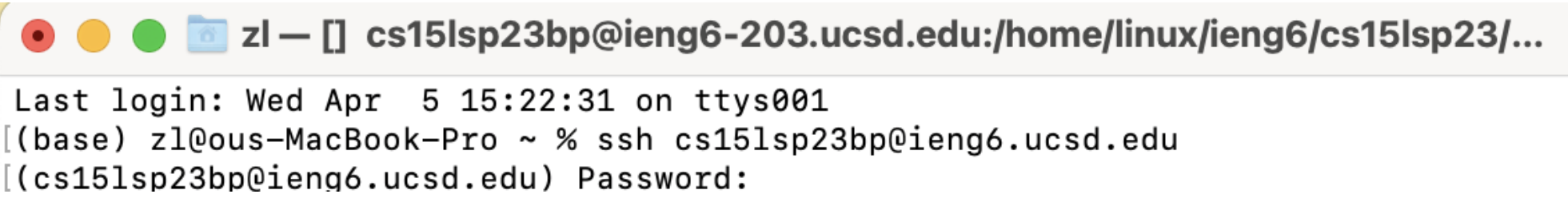
Here is an example of download page for Mac

Part 4 - Remotely Connecting

I am more familiar with the Terminal on Mac. So I used the Terminal on Mac.
After typing

`ssh cs15lsp23bp@ieng6.ucsd.edu`

You need to modify `cs15lsp23bp` with your own username.

and entered your password as shown below:


```
Last login: Wed Apr  5 15:22:31 on ttys001
[(base) zl@ous-MacBook-Pro ~ % ssh cs15lsp23bp@ieng6.ucsd.edu
[(cs15lsp23bp@ieng6.ucsd.edu) Password:
```

Notice you will not be able to see the password when typing, just hit enter or return after typing your password. Then if things work correctly, you will see the welcome page as below.

Part 5 – Run Some Commands

Then I tried various commands in the remote server and did similar things on my own laptop with different file names:

1. I tried `ls` to see what files are available.

```
[cs15lsp23bp@ieng6-203]:~:1$ ls
perl5
```

2. I also check any hidden files, their permission and other info using `ls -lat`

```
[cs15lsp23bp@ieng6-203]:~:4$ ls -lat
total 112
-rw-r--r--    1 cs15lsp23bp root   1129 Apr  5 15:32 .modulesbegenv
-rw-r-----    1 cs15lsp23bp root      0 Apr  5 15:32 .motd
drwxr-s---    6 cs15lsp23bp root   4096 Apr  5 15:32 .
drwxr-sr-x    2 cs15lsp23bp root   4096 Apr  5 15:32 perl5
drwxr-sr-x    3 cs15lsp23bp root   4096 Apr  5 15:32 .local
drwxr-sr-x    3 cs15lsp23bp root   4096 Apr  5 15:32 .config
drwxr-sr-x    3 cs15lsp23bp root   4096 Apr  5 15:32 .cache
drwxr-sr-x  493 root         root  40960 Apr  5 08:58 ..
-rwxr-x---    1 cs15lsp23bp root    290 Apr  4 13:11 .zshrc
-rwxr-x---    1 cs15lsp23bp root    481 Apr  4 13:11 .zshenv
-rwxr-x---    1 cs15lsp23bp root   1931 Apr  4 13:11 .zprofile
-rwxr-x---    1 cs15lsp23bp root   1961 Apr  4 13:11 .profile
-rwxr-x---    1 cs15lsp23bp root    837 Apr  4 13:11 .procmailrc
-rwxr-x---    1 cs15lsp23bp root    431 Apr  4 13:11 .login
-rwxr-x---    1 cs15lsp23bp root    155 Apr  4 13:11 .locallogin
-rwxr-x---    1 cs15lsp23bp root   1692 Apr  4 13:11 .kshrc
-rwxr-x---    1 cs15lsp23bp root   1931 Apr  4 13:11 .cshrc
-rwxr-x---    1 cs15lsp23bp root   1721 Apr  4 13:11 .bashrc
-rwxr-x---    1 cs15lsp23bp root    975 Apr  4 13:11 .bash_profile
```

3. I double check whether I am in the home directory using `cd ~`

```
[cs15lsp23bp@ieng6-203]:~:2$ cd ~
```

4. Then I list the hidden files again using `ls -a`

```
[cs15lsp23bp@ieng6-203]:~:5$ ls -a
.              .bashrc   .cshrc   .locallogin    .motd         .zprofile   perl5
..             .cache    .kshrc   .login         .procmailrc   .zshenv
.bash_profile  .config   .local   .modulesbegenv .profile      .zshrc
```

5. Check the absolute path beyond home directory using `pwd`

```
[cs15lsp23bp@ieng6-202]:~:11$ pwd
/home/linux/ieng6/cs15lsp23/cs15lsp23bp
```

6. Then I copied the file `perl5` using `cp -r .` `-r` here is recursively copy.

```
[cs15lsp23bp@ieng6-202]:~:21$ cp -r perl5 perl5_copy
[cs15lsp23bp@ieng6-202]:~:22$ ls
perl5  perl5_copy  wavelet
```

Part 6 – git, Github, and Github Pages and Part 7 – Creating a Website with Github Pages

Link to github page