

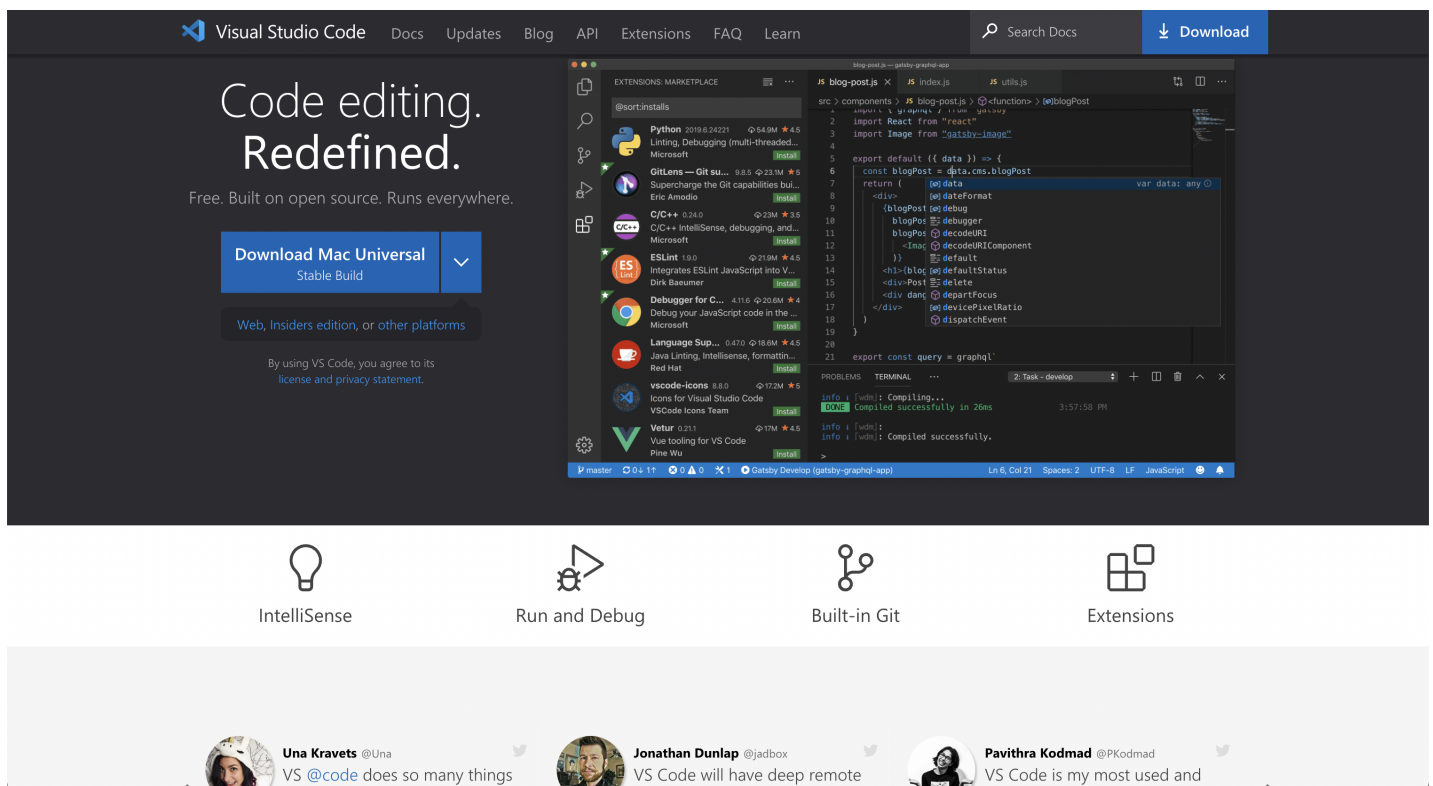
# -cse15l-lab-reports

## Week 1 Lab Report

In this lab report, I will be walking through the steps to set up the CSE 15L lab environment.

### Step 1: Installing VS Code


To install VS Code, first go on their website <https://code.visualstudio.com/>. Then, follow the instructions needed to download on your computer. Make sure to pick the correct operating system for your installment.



(VS Code home page)

### Step 2: Remotely Connecting

To remotely connect, first open the terminal. Then, copy this command "ssh cs15lwi23avu@ieng6.ucsd.edu" to ssh into the CSE Basement server. Lastly, the terminal will prompt you for your password. Enter your password and you will have access to the server.

```
(base) Peters-MacBook-Pro:~ peterlee$ ssh cs15lwi23avu@ieng6.ucsd.edu
(cs15lwi23avu@ieng6.ucsd.edu) Password: 
```

*(remotely connecting to server)*

## Step 3: Trying Some Commands

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Lastly, to test that your connection is working, you can try some commands. Some commands include:

- **cd ~:** takes you to the home directory
- **cd:** takes you into a directory
- **ls -lat:** lists all of the files in a directory and the information of each file
- **ls -a:** lists all of the files in a directory, including hidden files
- **ls [directory]:** lists all of the files in a specified directory
- **cp /home/linux/ieng6/cs15lwi23/public/hello.txt ~/:** copies the hello.txt file to the home directory
- **cat /home/linux/ieng6/cs15lwi23/public/hello.txt:** prints the contents of the hello.txt file

... and more!

```
[cs15lwi23avu@ieng6-201]:~:47$ ls -a
.          .bashrc   .kshrc    .modulesbeginv  .zprofile  perl5
..         .cache    .local     .motd            .zshenv
.bash_history .config   .locallogin .procmailrc      .zshrc
.bash_profile .cshrc    .login     .profile         hello.txt
```

*(example using ls -a)*

(TIP!) Make sure to log out of the remote server using Ctrl-D or by running the command "exit".

```
[cs15lwi23avu@ieng6-201]:~:43$ exit  
logout  
Connection to ieng6.ucsd.edu closed.
```

*(exiting server)*

And you're done! Thanks for reading. :)