

 **bdikbas** Update Lab_Report_1.md History

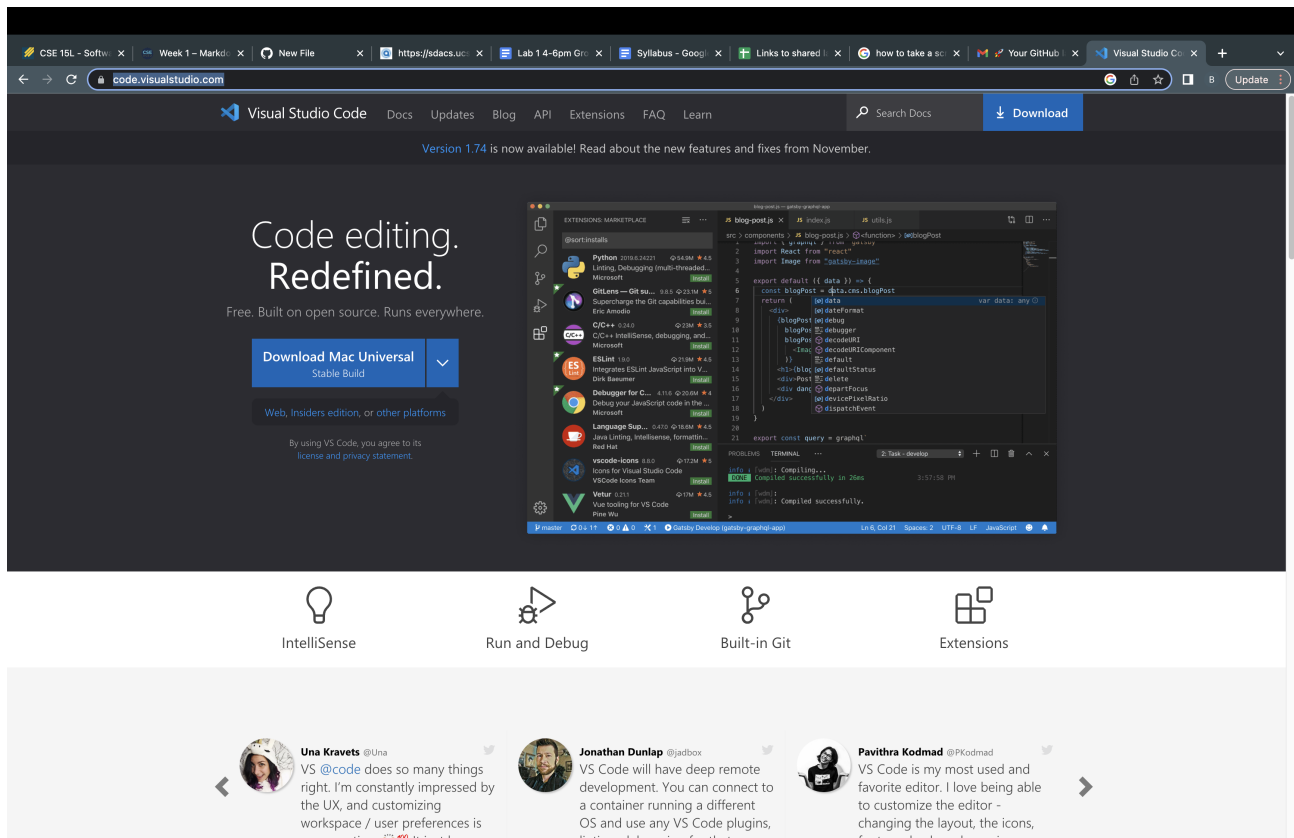
 1 contributor

79 lines (44 sloc) | 3.25 KB 

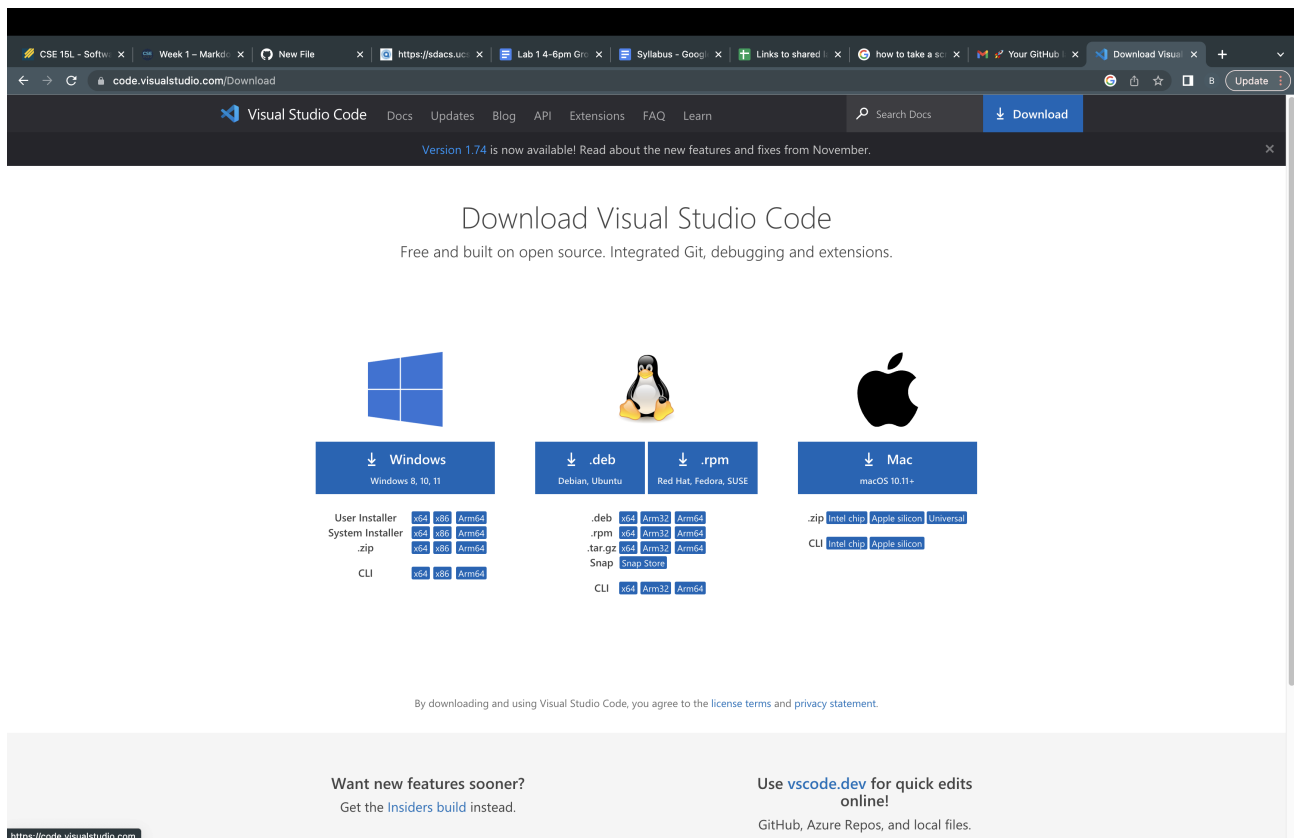
Lab Report 1

Step 1: Installing Visual Studio Code

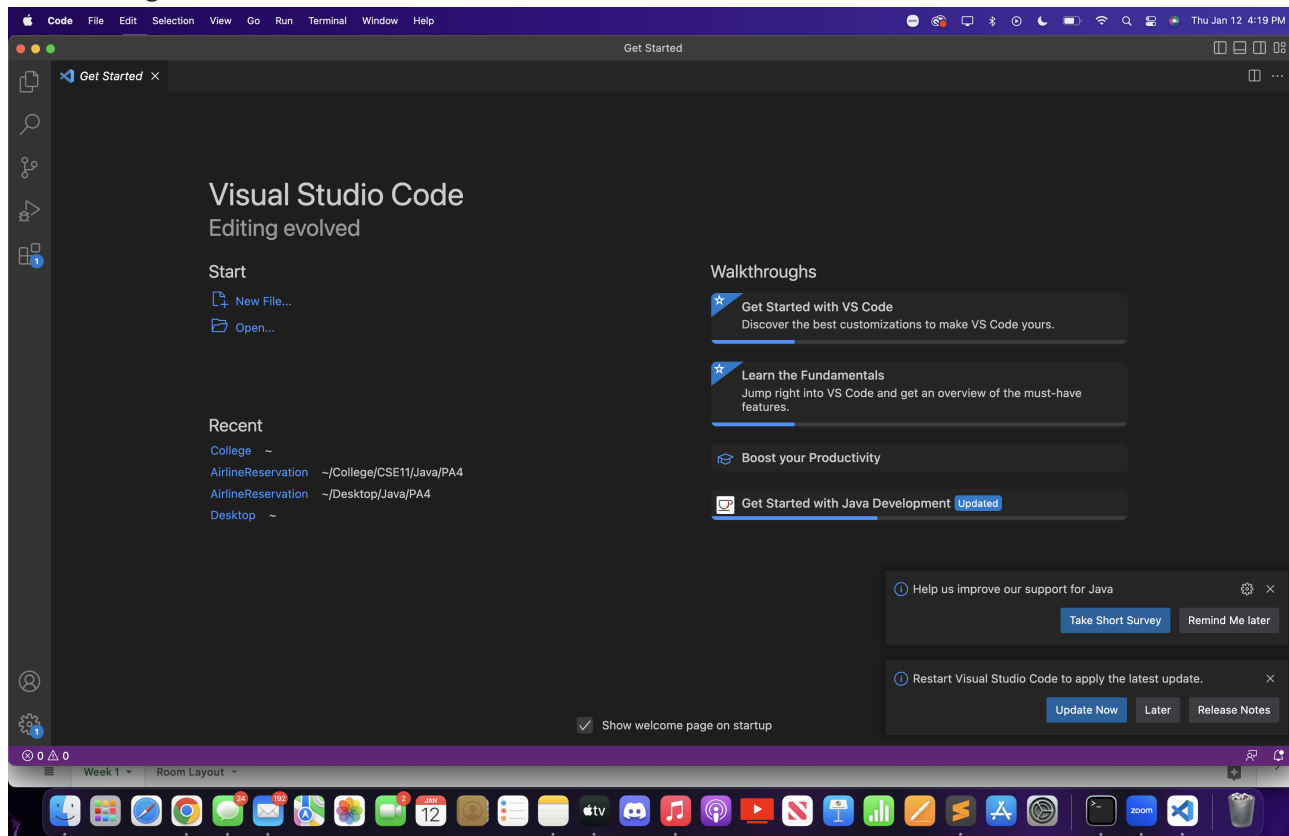
Click the following link: <https://code.visualstudio.com/> It will take you to a page that looks like this:



Click the download button at the top right of the page, which will prompt you to a page that looks like:



Choose the version that works with your computer and then install it onto your computer. When you're done installing Visual Studio Code, open the application. It should look something like this:



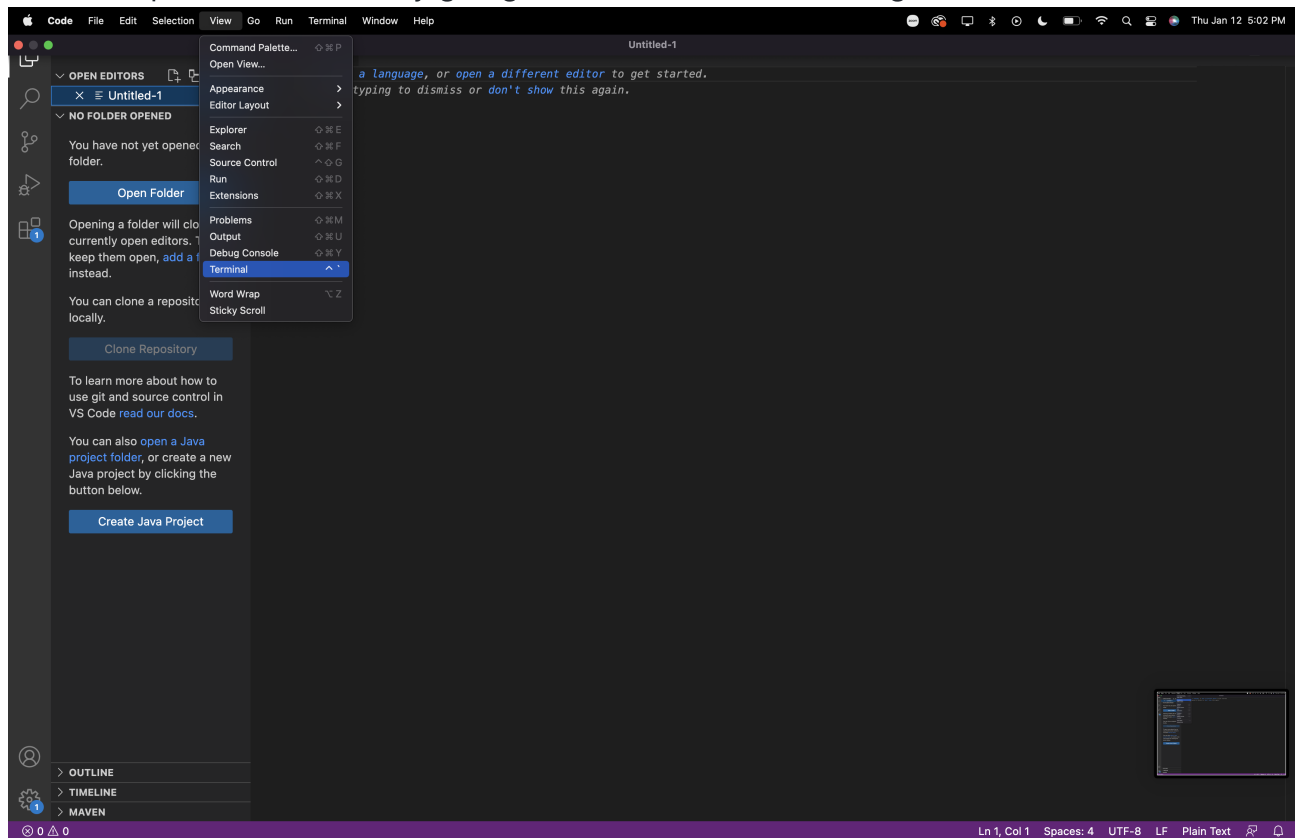
Step 2: Connecting Remotely:

To log into your ieng6 account, you will first need need to figure out what your account is, which you can do with the following link: <https://sdacs.ucsd.edu/~icc/index.php>

Enter in your UCSD account details and reset your password.

After resetting your password, you will open a terminal on VSCode in order to remotely connect.

You can open the terminal by going to view and then selecting terminal.



Note: the example of the code that is going to be inputted to your terminal is going to be denoted with a \$

DO NOT ENTER THE \$

In the terminal, you're going to input the following:

```
$ ssh cs15lwi23zz@ieng6.ucsd.edu
```

Before you hit enter, replace the "zz" with the letters that are between the "23" & "@".

Because this is your first time doing this, it will show this message:

```
⇒ ssh cs15lwi23zz@ieng6.ucsd.edu The authenticity of host 'ieng6.ucsd.edu
(128.54.70.227)' can't be established. RSA key fingerprint is
SHA256:ksruYwhnYH+sySHnHAtLUHngrPEyZTDI/1x99wUQcec. Are you sure you
want to continue connecting (yes/no/[fingerprint])?
```

Type in yes, which will prompt you to type in your password.

After you type in your password, this will show up in the terminal:

```
(cs15lwi23avh@ieng6.ucsd.edu) Password:
Attempting to create directory /home/linux/ieng6/cs15lwi23/cs15lwi23avh/perl5
===== NOTICE =====
Authorized use of this system is limited to password-authenticated
usernames which are issued to individuals and are for the sole use of
the person to whom they are issued.

Privacy notice: be aware that computer files, electronic mail and
accounts are not private in an absolute sense. You are responsible
for adhering to the ETS Acceptable Use Policies, which you can review at:
https://blink.ucsd.edu/faculty/instruction/tech-guide/policies/ets-acceptable-use-policies.html
=====

*** Problems, Suggestions, or Feedback ***

For help requests, please create a ticket at:
https://support.ucsd.edu/its

You may also report issues, suggestions, or feedback by e-mailing root on any system:
mail -s "Your subject here" root
Type your message - Ctrl+D to send

*** Access our Linux ssh terminals or remote desktops via a web browser at: ***
https://linuxcloud.ucsd.edu

All accounts must be enrolled in Duo for access. No VPN required.

-----

Hello cs15lwi23avh, you are currently logged into ieng6-202.ucsd.edu

You are using 0% CPU on this system

Cluster Status
Hostname    Time    #Users  Load  Averages
ieng6-201   16:25:01  6  0.05, 0.06, 0.10
ieng6-202   16:25:01  9  0.05, 0.05, 0.07
ieng6-203   16:25:01  6  0.06, 0.09, 0.12
```

And you'll be all logged in!!

Step 3: Trying some commands:

Here is a list of commands that you can try:

```
-cd ~

-cd

-ls -lat

-ls -a

-cp /home/linux/ieng6/cs15lwi23/public/hello.txt ~/

-cat /home/linux/ieng6/cs15lwi23/public/hello.txt
```

You are able to type these into your terminal in VSCode.

Here is an example:

```
[cs15lwi23avh@ieng6-202]:~:11$ cat /home/linux/ieng6/cs15lwi23/public/hello.txt  
Hello! Welcome to CSE 15L  
[cs15lwi23avh@ieng6-202]:~:12$ █
```

When I typed in the cat command, it printed what was inside the hello.txt file.