 GOAL: Learn the procedure to log in to our Linux computers. Then create a file to preset the startup commands for *vim*, the editor we will use*.*

Step 1. Make sure your VPN software, GlobalProtect is connected **if** you are connecting from a non-campus computer and not on the campus network. Log in using your Sac State credentials to a Coding computer (or your own Linux computer).

Step 2. LOGGING ON TO a Linux computer:
Use one on the Plan documents to help you log in.
       Plan A Putty and File Transfer. Windows.
       Plan B Putty and File Transfer. Mac.
       Plan C Mobaxterm. Windows.docx

STEP 3: Create the presets file for *vim*
Log onto the Linux computer. You will be in your home directory. Stay in that directory.

Type: **vim .vimrc**   *which is a settings-for-vim file.* The file should be empty.

Type: **i**   *to go into insert mode (It is a lower case " i ".)*

Now you are in the file, ready to add content.
First add your name as a comment. Example uses my name.

Type: **"Ruthann Biel**   *Please use your own name!!!*
                             *This is the **only** line that needs the quote mark. The quote mark may*
                             try to start line 2. Back space, delete it, and enter the next line.
Type: **:set tabstop=4**
Type: **:set shiftwidth=4**   *(Each of these ":set" lines ends with a Enter key.)*
Type: **:set smartindent**
Type: **:set expandtab**
Type: **:set number**
Type: **:set background=dark**
Press: **Esc**   *The escape key moves you from Insert Mode to Command Mode*
Type: **:wq**   S*ave the file and quit.*

Step 4: Prepare your file for submission to Canvas
Type: **script YourName_lab1.txt**   *Example: script JaneSmith_lab1.txt*
Type: **cat .vimrc**   *This will display your file*
Type: **exit**   *This will take you out of script mode and save your file.*
Type: **exit**   *If you are ready to leave the Linux machine.*

➔ **More on next page**

Step 5: Prepare to submit your file to Canvas
At this point, your file is "**stuck"** on the Linux machine, but you need access to the file so you can upload it via your browser to Canvas.

Consult your Plan document about moving the script file from your computer to Canvas.

STEP 6: Turn in your work. 12 points
Go to Canvas and turn in one file:
1. **YourName_lab1.txt**   *The script file*

STEP 7: TO LOG OFF EVERYTHING.
If you have not done so yet,
type "**exit**"   *when you are ready to leave the Linux computer.*

Close as much software and hardware as necessary for safety, depending on your location.

This assignment is due by the end of 2/14 for a chance at full points. (12 points)
If turned in before the end of 2/21, you lose one point. (11 points)
If turned in before the end of 2/28, you lose two points. (10 points)
If turned in before the end of 3/7, you lose three points. (9 points)
This assignment will not be accepted for any points after 3/7.