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ECE6213 Unix environment setup
(for Cadence & Synopsys)

1. Make sure you have an active SEAS account.
   If you do, go ahead and login into a SUN workstation in room 405
   If you do not have a SEAS account, please go to Room 401 to activate your SEAS account.

2. Open a terminal window. Right lick anywhere on the desktop, choose
   Tools-->Terminal

3. Once the terminal opens, you will see a "$" this is the system prompt.
   At the "$" prompt, type the following command:

   mkdir cadence

   This will create a new folder/directory, called: cadence, for you to store your work in.

4. At the prompt, now type the following command:

   cd cadence

   This 'changes the directory' and puts you in the cadence folder you just created.
   Every time you login (in the future), you will want to make sure your in the
   'cadence' folder.

5. At the prompt, type the following two commands:

   cd ~   <press Enter>
   gedit .profile <press Enter>

   An editor will open up and allow you to change the contents of a file called:
   the '.profile' file.

6. Scroll down to the bottom of the .profile file and add these lines to the bottom:

stty erase ^H
stty erase ^?

EDITOR=gedit
FCEDIT=gedit
VISUAL=gedit

export TIMEOUT=0
#--
CADENCE IC 6.1 Tools & SYNOPSYS Tools
#--
[[-e /apps/cadence/startup_scripts/virtuoso.env]] && \
   . /apps/cadence/startup_scripts/virtuoso.env
[[-e /apps/synopsys/startup_scripts/synopsys.env]] && \
   . /apps/synopsys/startup_scripts/synopsys.env

   NOTE: REMOVE any other lines in your profile that setup Cadnece or synopsys tools,
   they will interfere with the setup above.

7. Press the "SAVE" button at the top of the screen and close the editor

8. The '.profile' file is executed every time you login to your workstation.
   To have the changes we just made take effect, log out of the workstation
   and then log back in now.
9. If you wish to use verilog, or simvision, simply type:
   $ **cd cadence**
   $ **verilog**
   $ **simvision &**