Set up your development environment (Dr. Java) and its requirements.

These instructions you don’t have to understand. We just have to do them once and never again. You need to follow these instructions when logged into CentOS in a CSE basement lab machine.

Copy into your account (use your cs8fXX username and password**) and set up Dr. Java shortcut:

1) Double click to open your home directory (second icon from top). In bottom left corner of that window, click on the “down arrow” button and then click on the second from the bottom (cs8f).
2) Scroll to the bottom of that directory/window and double click to open the public directory.
3) We’re going to copy two things to your desktop, by right clicking each, selecting copy, then right clicking on your desktop and selecting paste.
   --Right click and copy the bookClasses folder, paste on desktop
   --Right click and copy the drjava_install folder, paste on desktop
4) Next we’re going to set up a “Launcher” – a shortcut that you can click on to start the Dr.Java IDE.
5) Right click on the desktop and select “Create Launcher”
6) Leave Type as “Application. Under Name type “DrJava”.
7) For Command, click on browse. In the window that pops up, double click on the Desktop folder. Then double click on the drjava_install folder. Single click to select “RunDrJava” and Click on “Open” in the bottom right of the window.
8) You can close all your open windows now. BUT YOU MUST LEAVE THE THINGS WE COPIED ON YOUR DESKTOP ALL TERM.

GO ON TO NEXT PAGE!!!!!

** If you don’t know your cs8f account name and password, go to the acs.ucsd.edu web site and click on the account lookup tool. Scroll down and enter your name and PID. When your accounts show up, click on cs8f AND THEN CLICK ON CHANGE PASSWORD!
Run Dr. Java and set your preferences:
5) Double click on your desktop shortcut you just made called DrJava. This should launch the Dr. Java IDE (integrated development environment) application. You will create, compile and run Java programs in this application.

1) We need to set up Dr. Java to be personalized for you. Go to Edit, Preferences (bottom of list). Click on the Add button (as shown below):

2) THIS PART IS TRICKY! The windows you see should bring up your home directory. You want to click on the TOP BOX in that window (the one the RIGHT of “Look In”). This shows you a drop down list. Pick the one second from the bottom (it should be “cs8w”). Then, in the white selection window, single click on your username (WHATEVER IT IS). Click Select

3) In the “Extra Classpath” window you should now see something like
/home/linux/ieng6/cs8f/cs8fXX
(where XX is the two letters of your account name)

4) ADD ANOTHER EXTRA CLASSPATH! Click Add. This time surf to the bookClasses folder you JUST ADDED on your Desktop (surf from your ieng6.ucsd.edu home directory to Desktop, then click on bookClasses and hit Select.

5) Click on the Apply button, then the OK button. (so the Preferences window goes away)
6) Now, in Dr. Java, click on the “Reset Button” here:

7) Did it work? Find out by going to the Interactions pane (bottom of Dr. Java window, click on Interactions). You should see in that pane:

Welcome to DrJava. Working directory is (SOMETHING) >

The > is a prompt for you to type something. Click to the right of it and you should get a blinking | sign. Type the following:

World w = new World();

and then hit the Enter key (whenever we ask you to type a line in Dr. Java, we expect you to hit Enter when you are done).

If this pops up a blank Window like the one below, you are ready to go.