RUNNING MATLAB REMOTELY FROM YOUR HOME COMPUTER
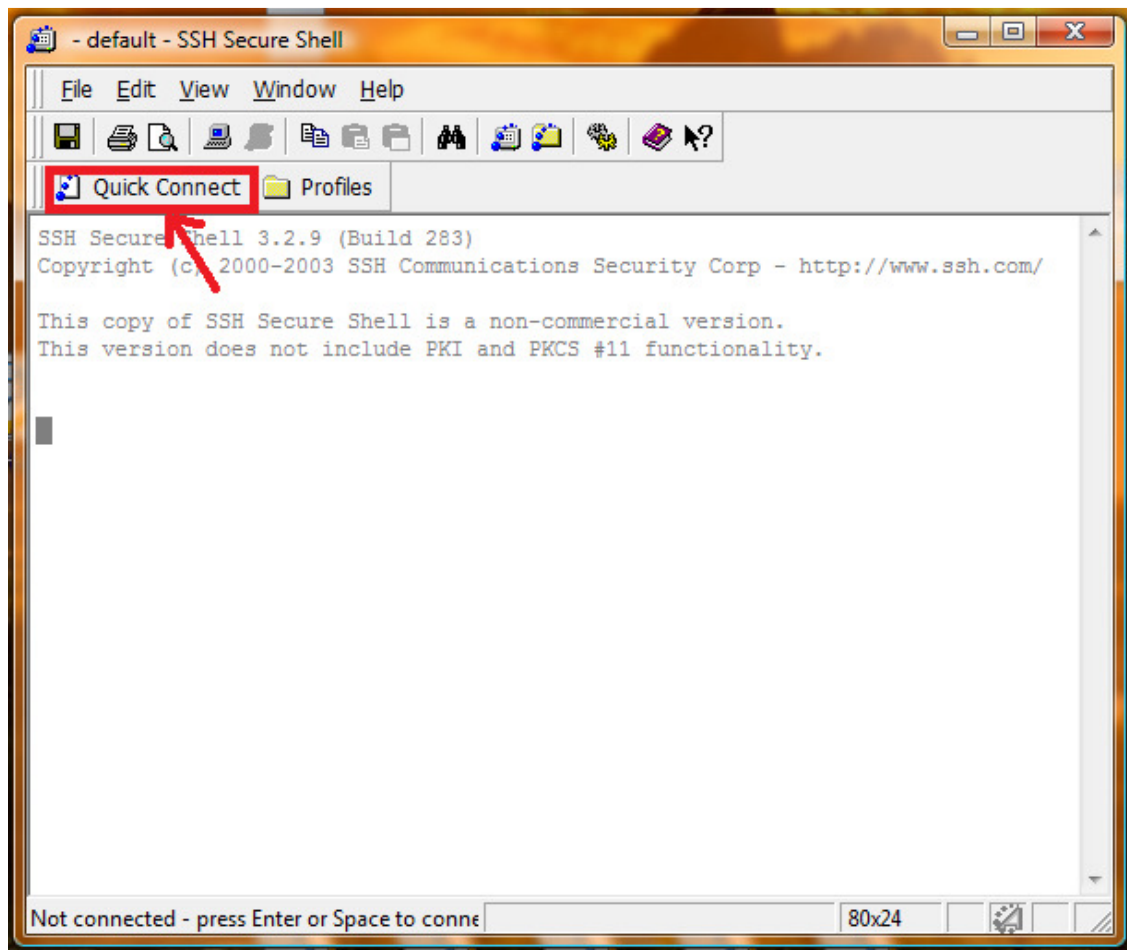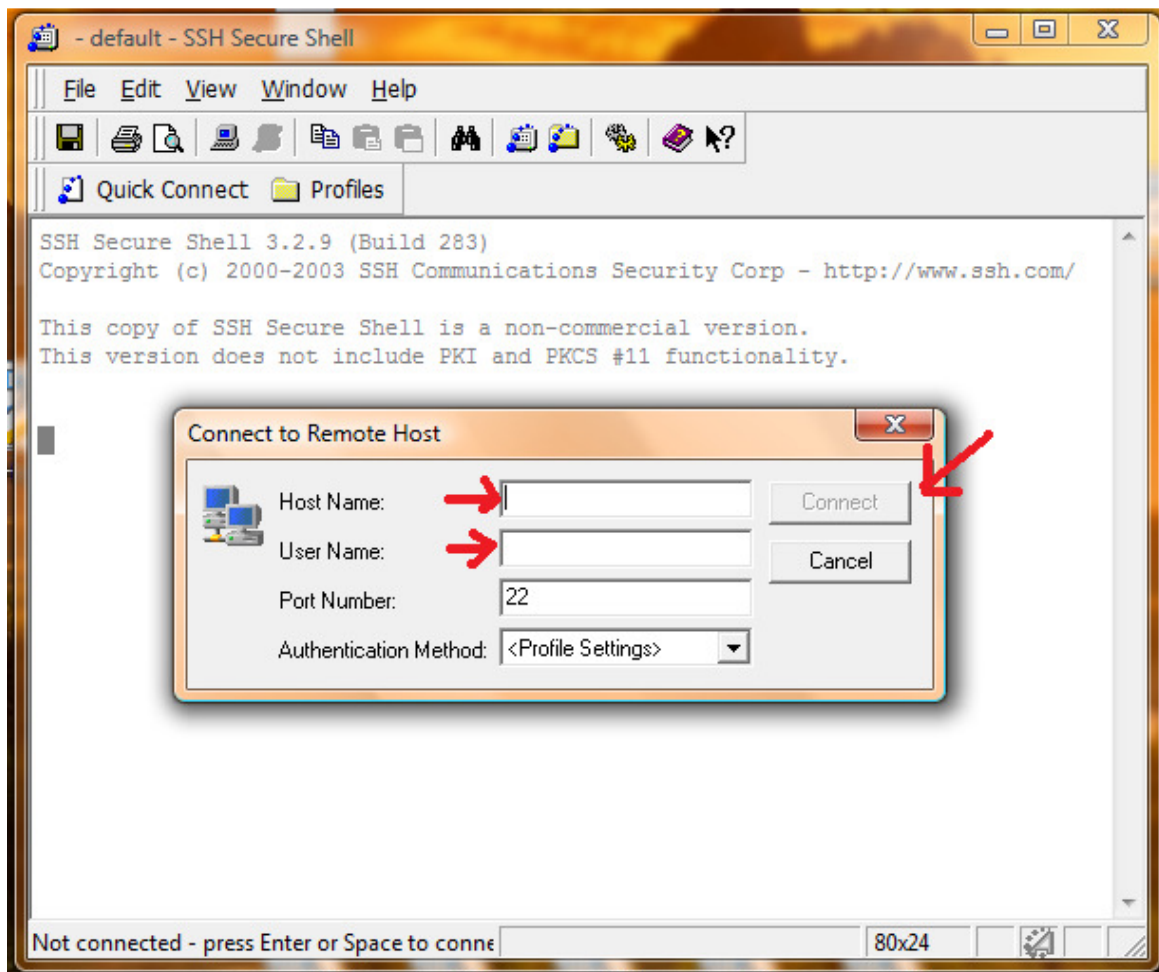
To run MATLAB remotely, follow the following steps:
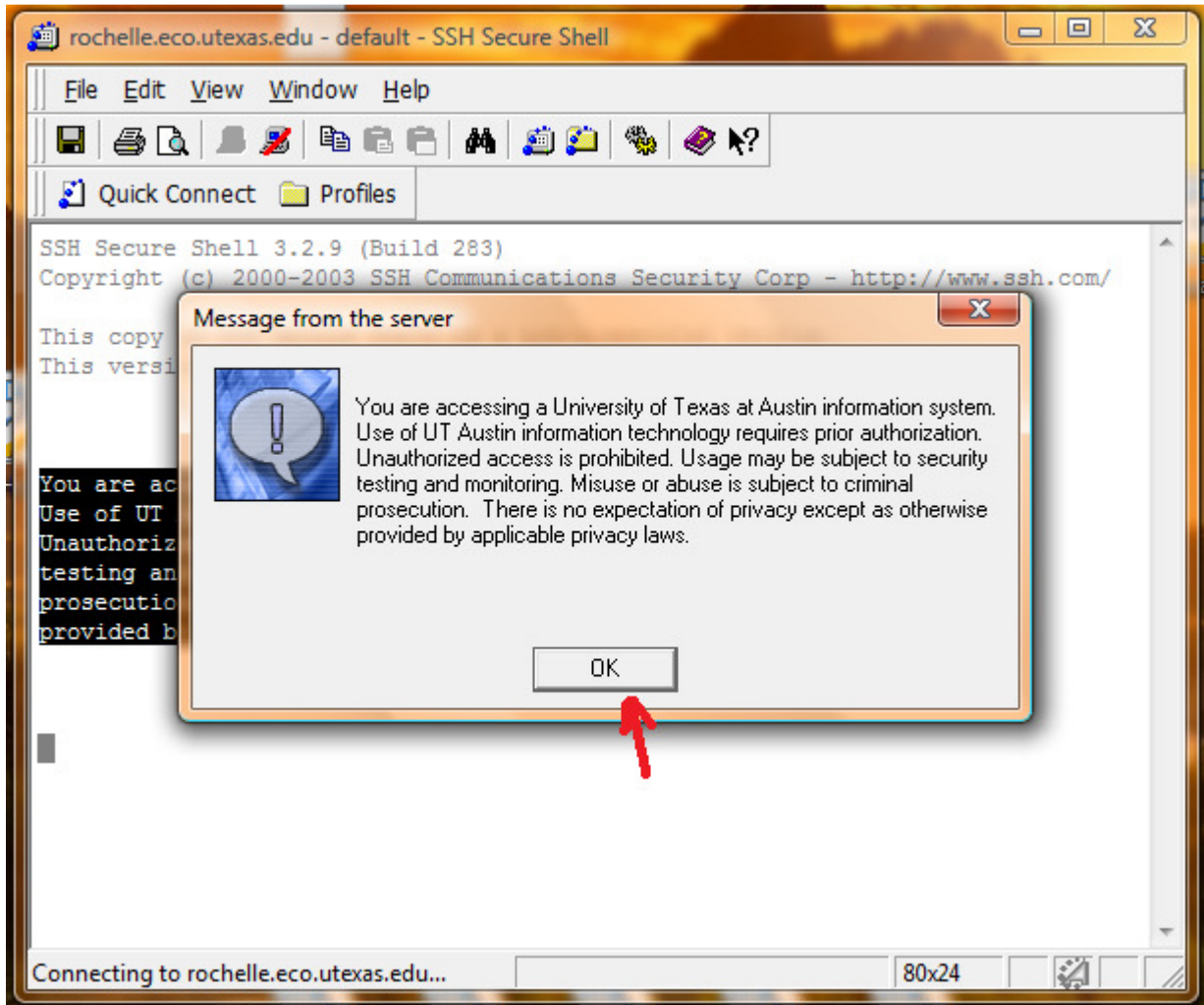
1- Be sure that you have "SSH Secure Shell" installed in your computer. If you have "SSH Secure Shell" then jump to the 2nd step. If you don't have this software you can download it from https://www.utexas.edu/its/bevoware/download/ and install it to your home computer.

2- Open "SSH Secure Shell Client". You will see the window below. Click on the "Quick Connect" button.
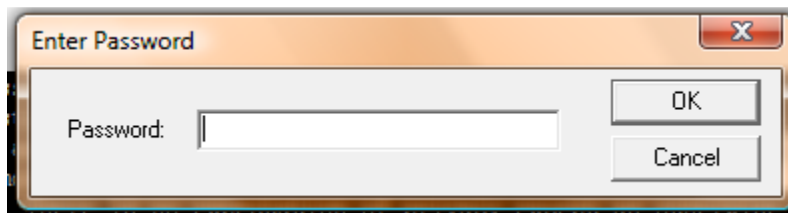
3- You will see the following window. Fill the relevant information as follows:
   a. Host Name: rochelle.eco.utexas.edu
   b. User Name: YOUR UT EID
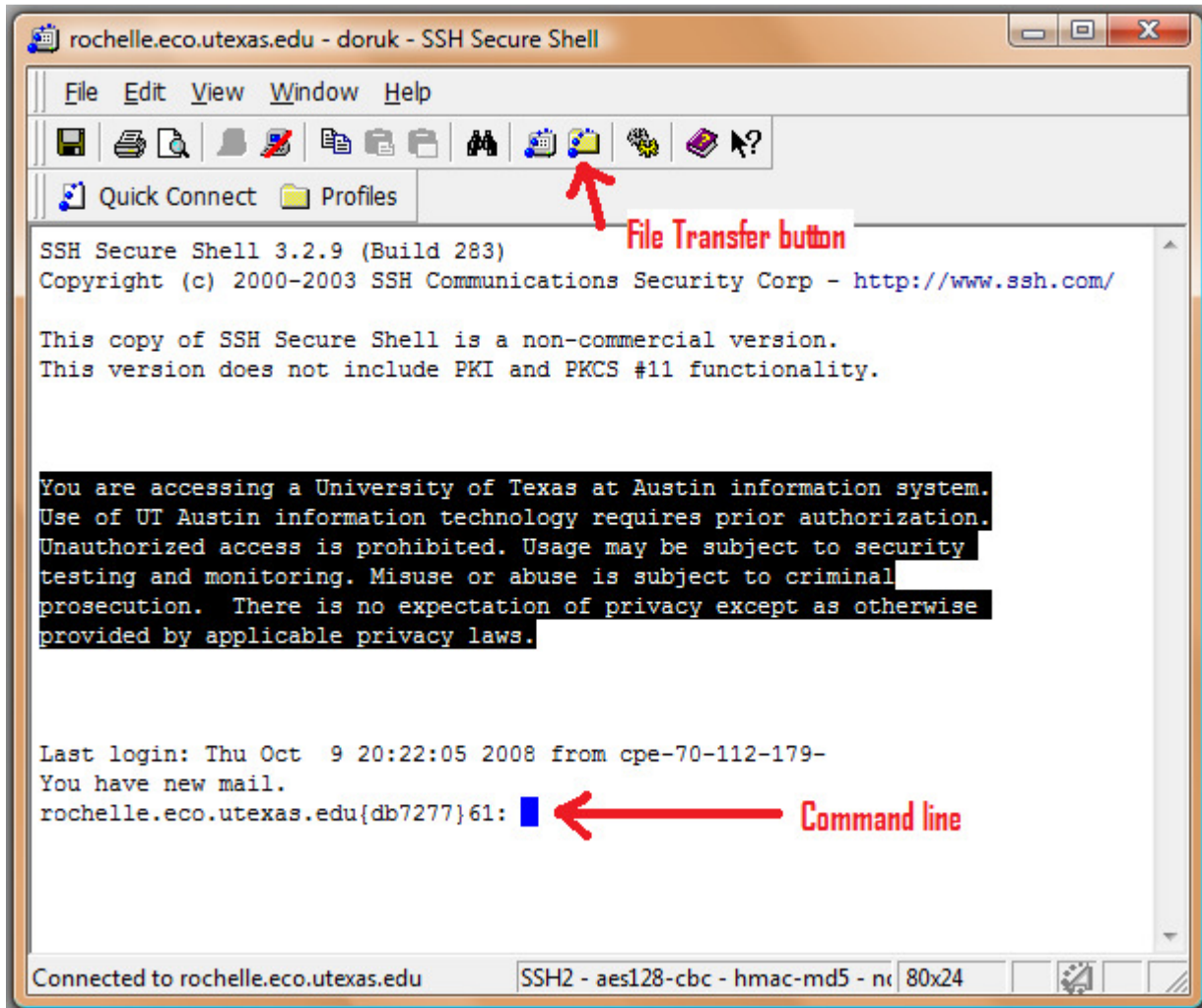   c. Then click on the connect button
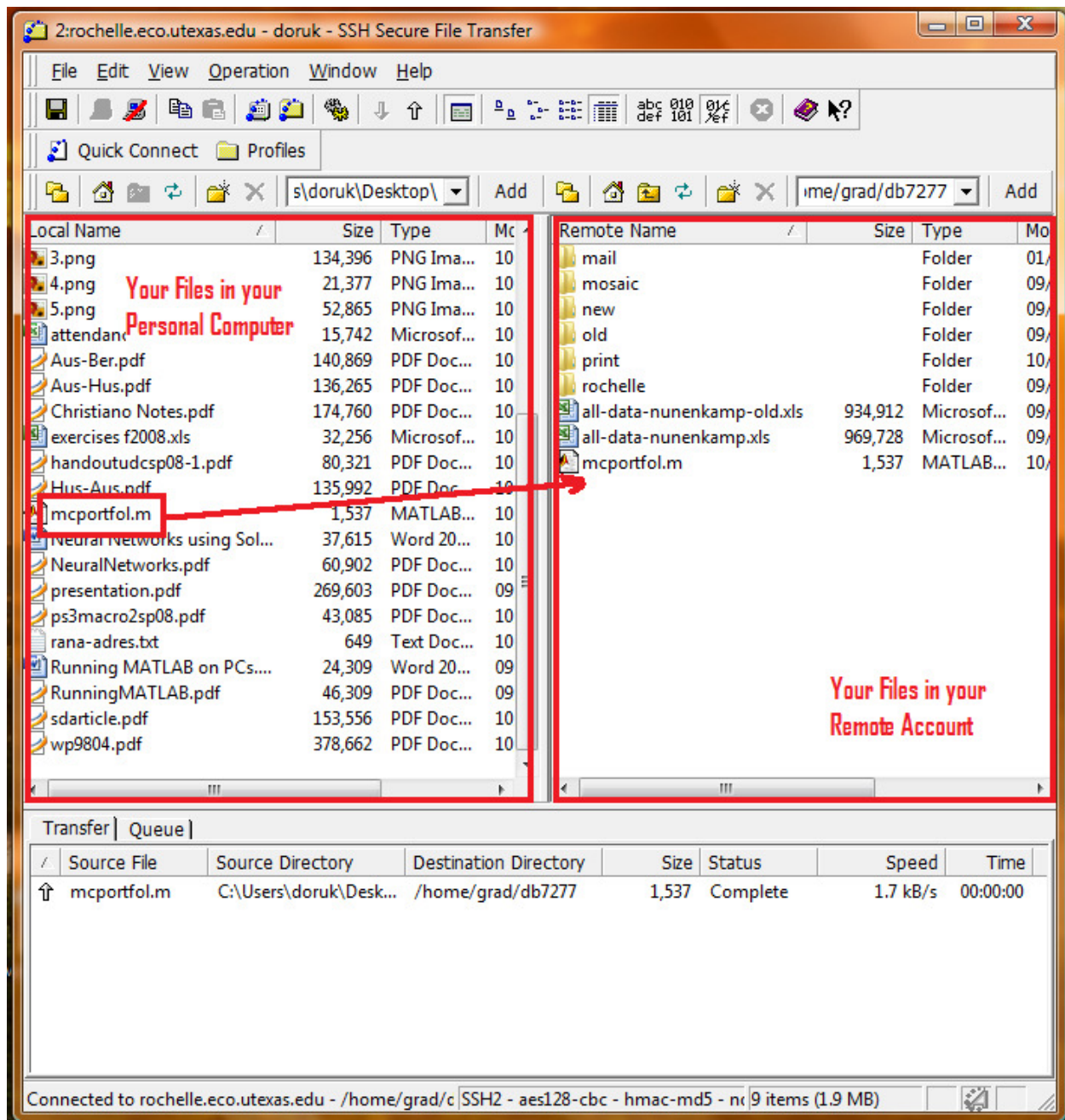
4- Press okay in the window pops-up.

5- Enter your UNIX password and hit OK button.

6- Then You will see a window like this: In this window, Press the "File Transfer" button.

7- Then you will see the "File Transfer" window. Transfer the ".m" files you need from your personal computer to your remote account. Then Close this window and go back to the other window.
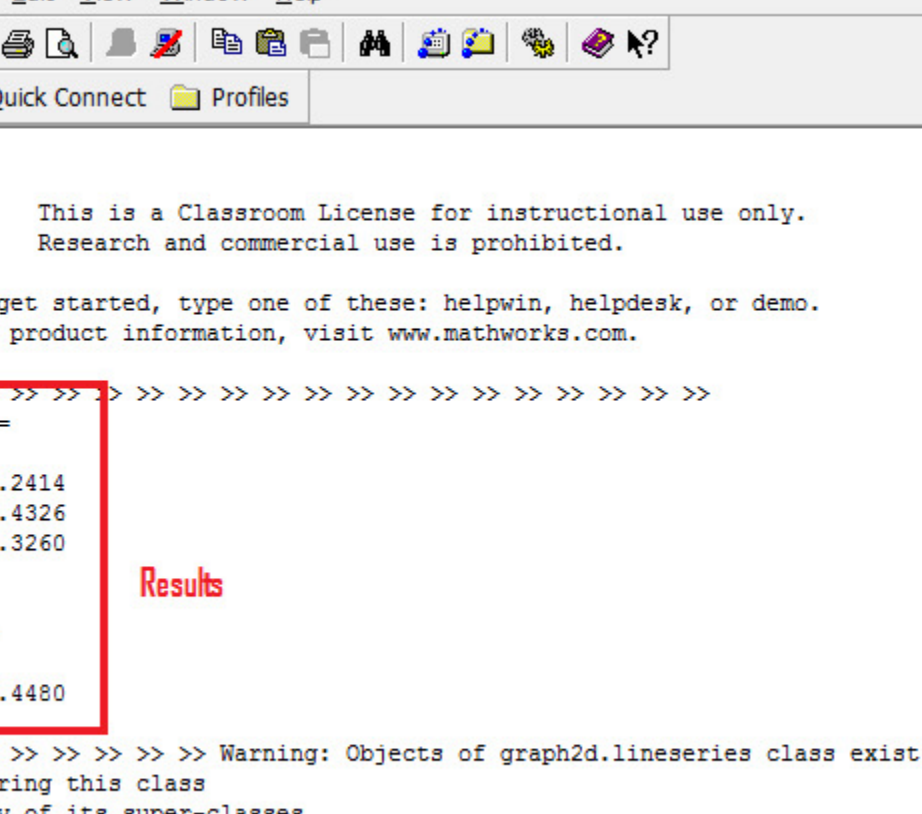
8- In the command line type the following command to run your code in MATLAB:

nohup matlab -nodisplay -nodesktop -nojvm -nosplash < YourCode.m &

So for example, if you want to run "mcportfol.m" file the command should be like this:

nohup matlab -nodisplay -nodesktop -nojvm -nosplash < mcportfol.m &

Then you will get the following window showing the results (but be patient, it may take some time to get the results)

However, there is one drawback of this method: you cannot see the graphs !!!