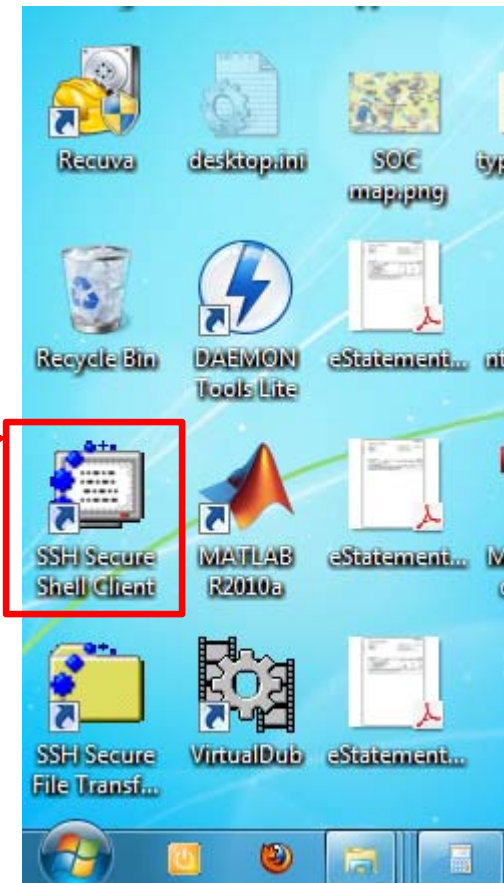
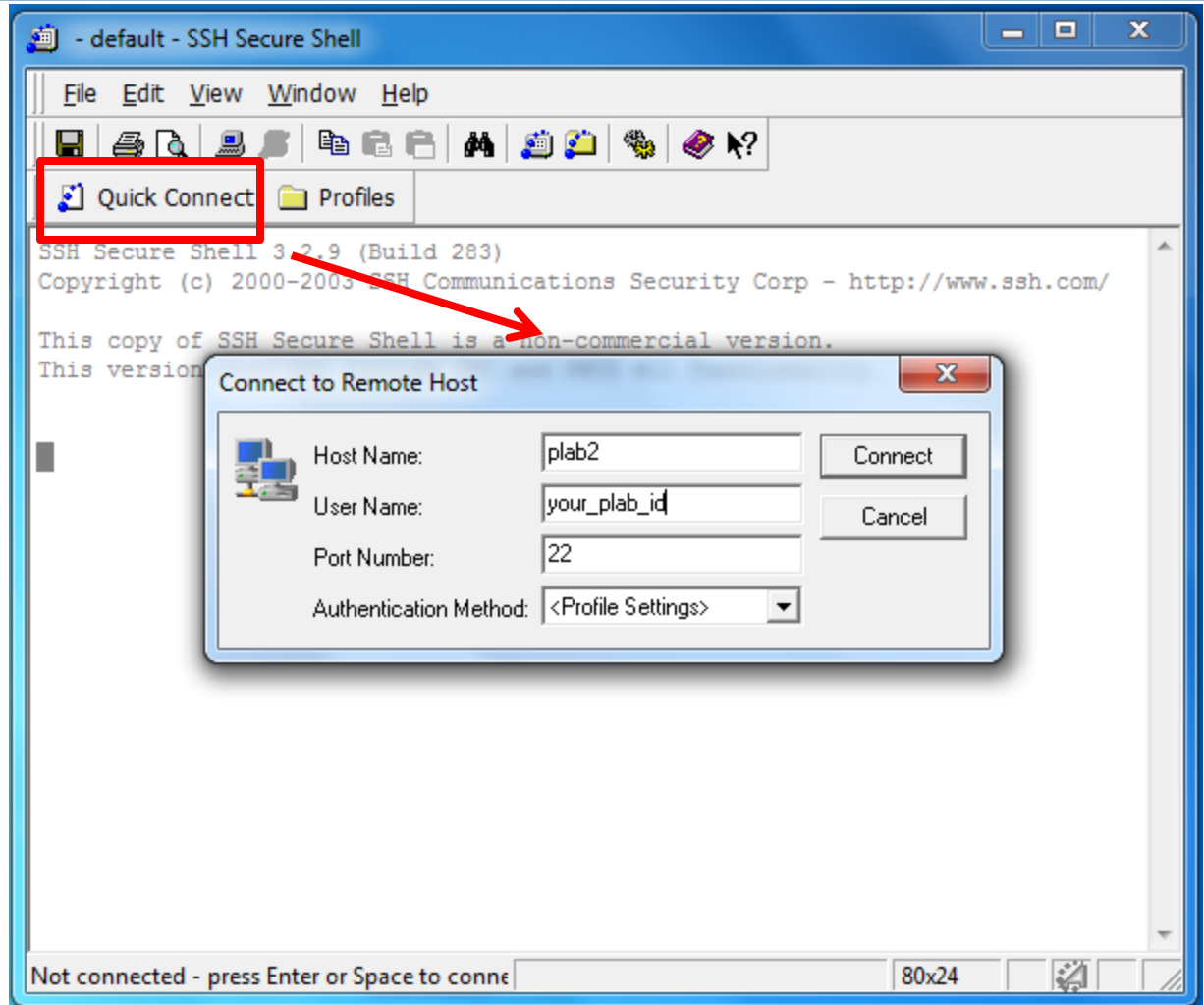
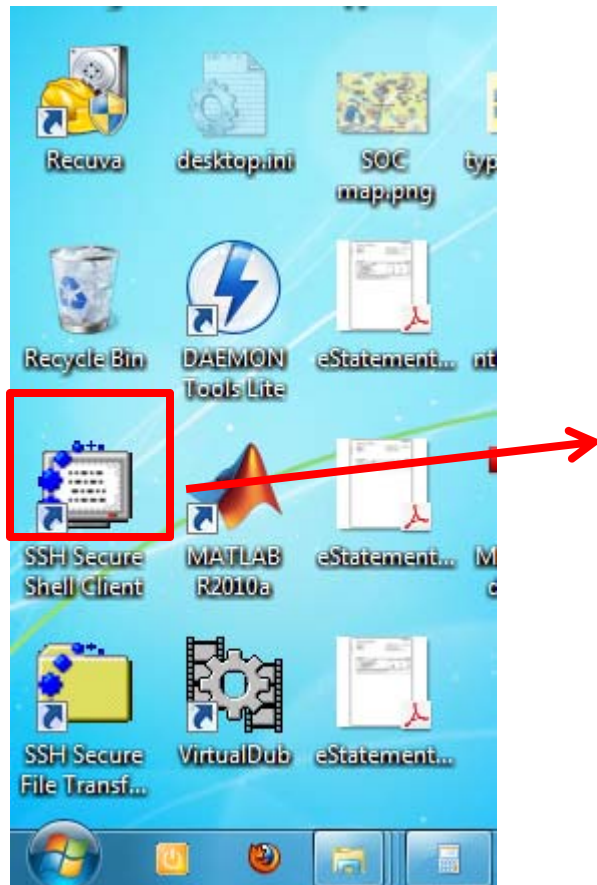


Programming Environment: SSH

- Use plab server for labs and practical assessment
- Go to **SSH Secure Client** to log into your plab account
- Need to write/compile/run programs in this environment

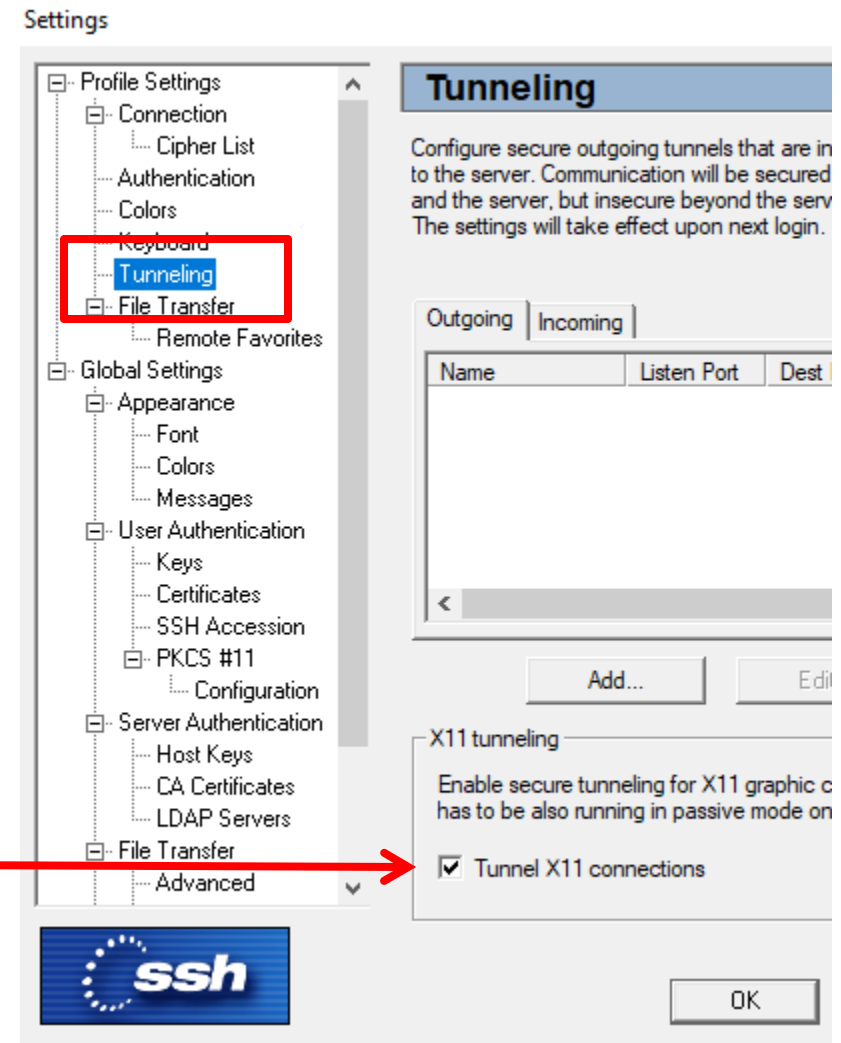


Logging in SSH with Plab account



Logging in SSH with X tunneling

- Additional setup if students want to use gvim during the labs.
- Run Xming in Desktop
- Under Edit – Settings in SSH Secure Shell, enable X-tunneling.



Logging in SSH with Plab account

- This is what the account slip looks like (A4)

Computer Resources Slip
National University of Singapore
School Of Computing

Name Of Applicant: Dr. Tan ST

Account Particulars:

Hostname: plab2

Userid: plab3807

Password: WJUw23JU

Duration: 1 day
Remarks: Temporary Account

Issued By: jkoh
Date: Sep. - Nov. 2009

Ng Jia Ting
U093959W

Connect to Remote Host

Host Name: plab2

User Name: plab3807

Port Number: 22

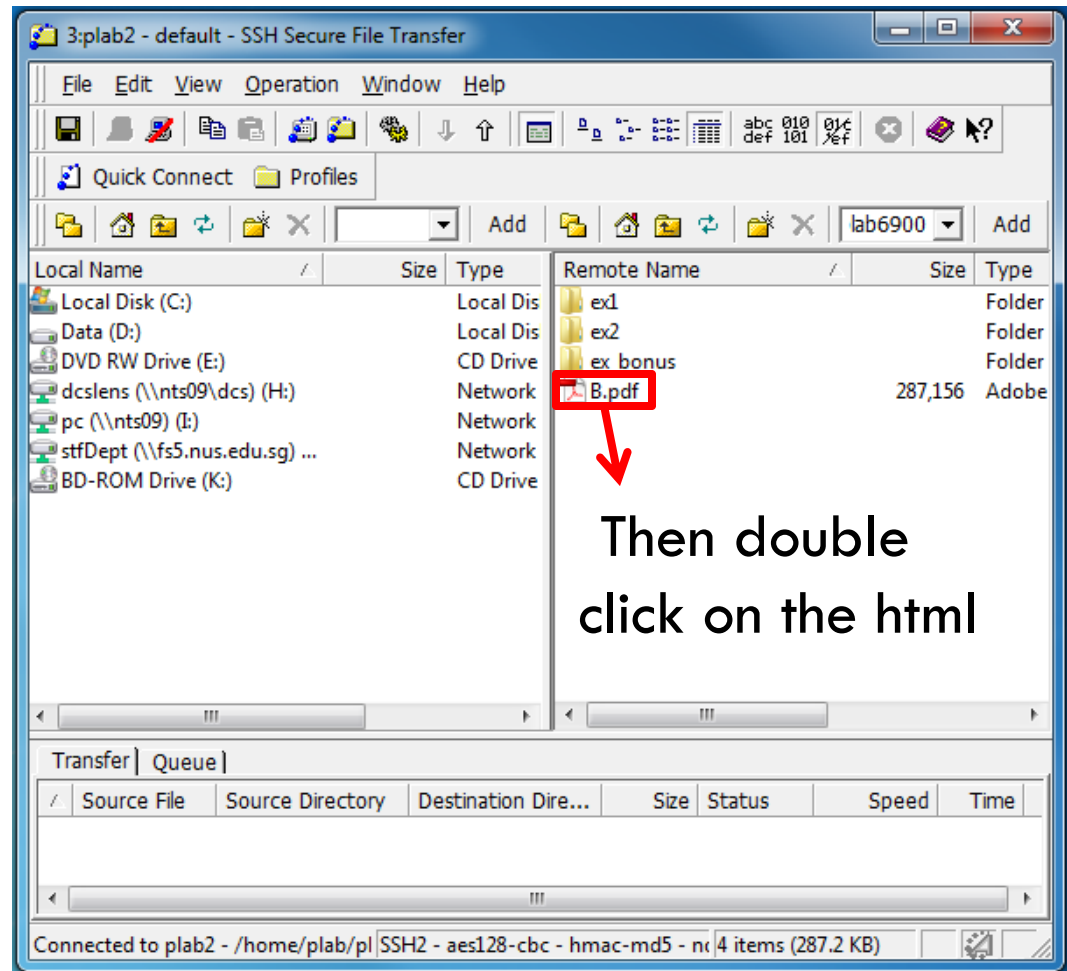
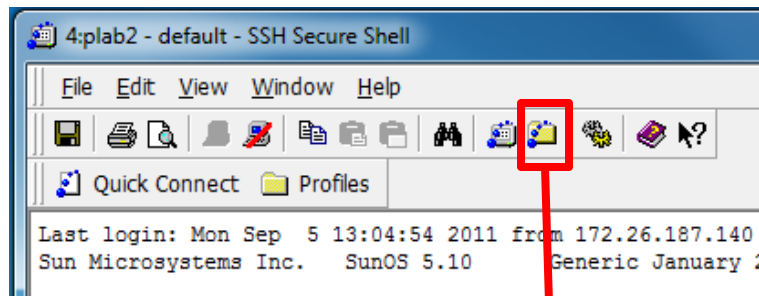
Authentication Method: <Profile Settings>

Connect

Cancel

Login dialog of
SSH Secure Client

Viewing the questions



After logging in, double click on SSH File Transfer (yellow icon above)

Then double click on the html

Program development

- No submission to CodeCrunch during the lab
- Students to test their code manually using `diff`
- Once they are done, simply leave the files in the plab account
 - ▣ remember to save their file and quit vim
 - ▣ quit SSH by typing `exit`
- Codes uploaded to CodeCrunch by 8pm (hopefully)
- Students to download their files from CodeCrunch and carry on, if necessary
- Deadline for submission is Friday, 2359hrs.

Assessment System



- Each task will be separated into levels
- Student writes one complete program for each level
- Programs for each level will be uploaded to CodeCrunch for marking
- Student starts from a level that they are comfortable
- Marking assumes if a program at level x is correct, then all preceding levels are correct
- For practical assessment, finer grained marking by determining the similarity of the initial and final submissions for all level programs.