Remote Login to hafez.sfsu.edu

You need to have an account on hafez.sfsu.edu to be able to login to it. Depending on your computer platform, you can follow one of the procedures explained in this tutorial to remotely login to it. The following sections are covered in this tutorial:

1. Login from Windows Computer at School
2. Login from your Personal Windows Computer
3. Login from your Personal MacOSX Computer
4. Login from Linux Computer at School
5. Changing your Password

Depending on your platform and need, please move the right section below and follow the instructions.
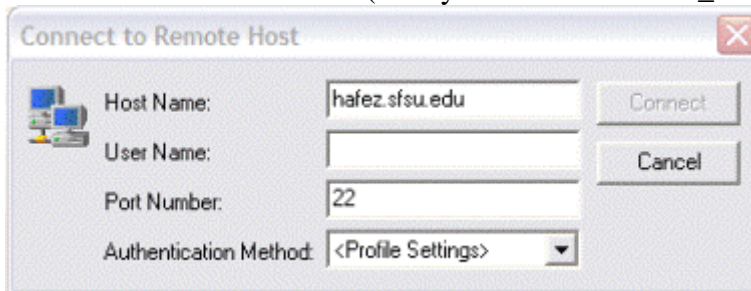
1. Login from Windows Computer at School:

If you are using a PC in the time-share lab (SCI 143) or the CAD lab (SCI 146), or research lab (SC110), locate the following two icons on your desktop:

Double-click on Xming , a small icon will appear in the right side of the task bar. DO NOT close it.

Then double-click on hafez (it may also be called sfsu_hafez),

Enter your username and click connect

Enter your password and click OK
You are now logged in and can run linux commands.

To open a new terminal, enter the "**xterm &**" command at the shell prompt and a new terminal will start up. The ampersand (**&**) tells the shell to run the command in the background so that you can continue to work in the current terminal. You can open as many terminals as you need.
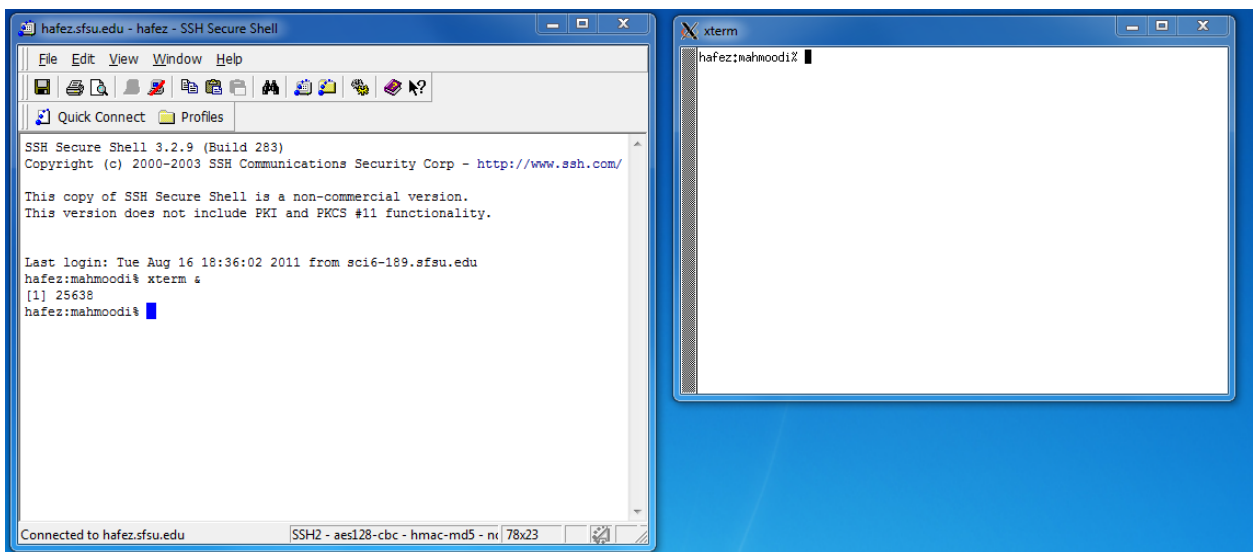
To logout from a terminal, type "**exit**" and press enter.

2. Login from your Personal Windows Computer:

To login from your personal computer that runs Windows operating system, you first need to install the SSH and the Graphic User Interface (X-ming). Please download and install SSH and Xming by clicking here

When you have successfully installed SSH and Xming, follow instructions in the previous section (Section 1) to login to the server.

Note: If you are a Windows user, you might find the Mobaxterm tool more user friendly than SSH & Xming for remote login to the server: http://mobaxterm.mobatek.net/

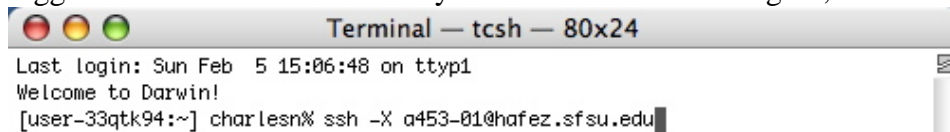## 3. Login from your Personal MacOSX Computer:

First download and install the X11 for mac from this site:
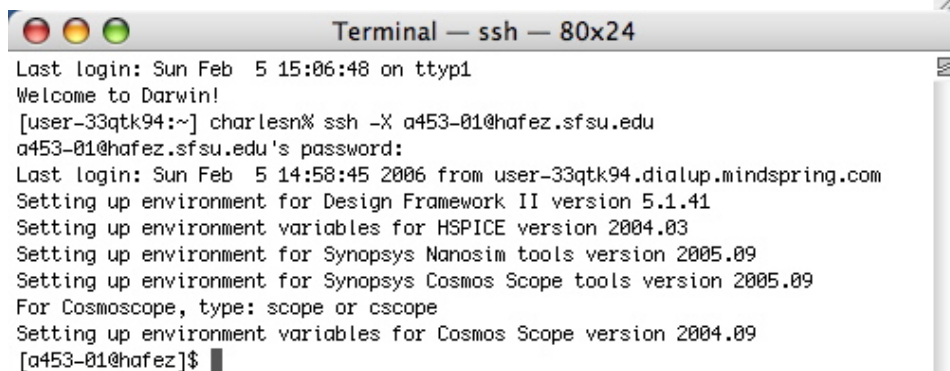
Then, open an X11 terminal and in the opened terminal enter the command

ssh -l *username* **-X hafez.sfsu.edu**

where, *username* is your own username. Then, enter your password and you are now
logged in to hafez and can run any Linux commands. To logout, enter "exit"

```
Terminal — tcsh — 80x24
Last login: Sun Feb  5 15:06:48 on ttyp1
Welcome to Darwin!
[user-33qtk94:~] charlesn% ssh -X a453-01@hafez.sfsu.edu
```

```
Terminal — ssh — 80x24
Last login: Sun Feb  5 15:06:48 on ttyp1
Welcome to Darwin!
[user-33qtk94:~] charlesn% ssh -X a453-01@hafez.sfsu.edu
a453-01@hafez.sfsu.edu's password:
Last login: Sun Feb  5 14:58:45 2006 from user-33qtk94.dialup.mindspring.com
Setting up environment for Design Framework II version 5.1.41
Setting up environment variables for HSPICE version 2004.03
Setting up environment for Synopsys Nanosim tools version 2005.09
Setting up environment for Synopsys Cosmos Scope tools version 2005.09
For Cosmoscope, type: scope or cscope
Setting up environment variables for Cosmos Scope version 2004.09
[a453-01@hafez]$
```

4. Login from Linux Computer at School:

Remote login to hafez.sfsu.edu from any Linux Machine is even simpler. Just open a terminal by right clicking on any empty space on your desktop and selecting "New Terminal". In the opened terminal enter the command

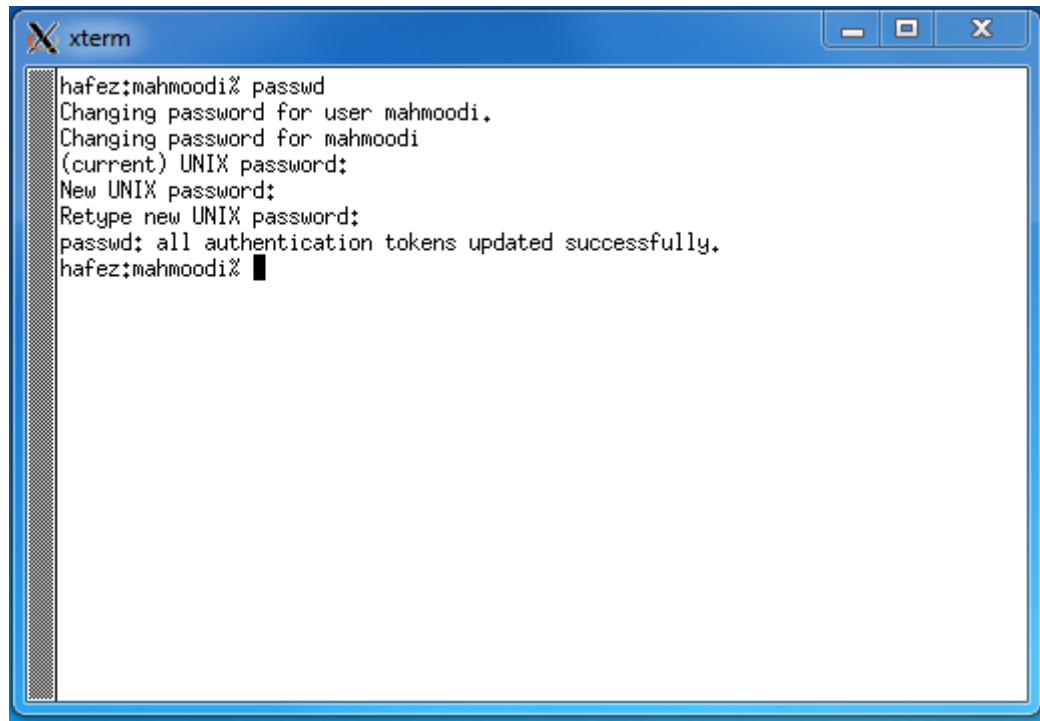**ssh -l** *username* **-X hafez.sfsu.edu**

where, *username* is your own username. Then, enter your password and you are now logged in to hafez and can run any Linux commands. To logout, enter "exit"
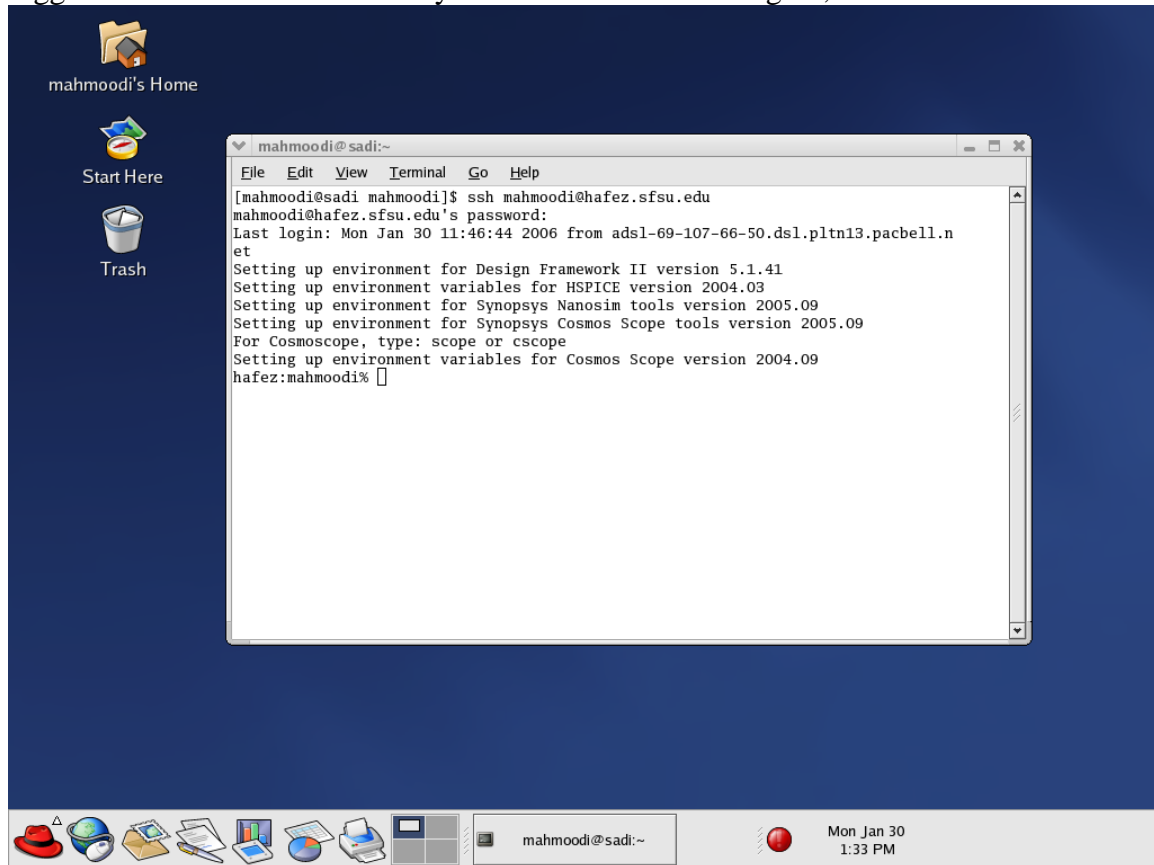
5. Changing your Password:

It is recommended to change your password from the initially given password to prevent unauthorized use of your account. Take a minute to think about a password you would like to set for your account. After opening a terminal, follow these instructions to change your password.

1. Enter the **passwd** command at the shell prompt.
2. The system will prompt you for the old password. Enter your old password and press enter. The computer will ask you to enter your new password.
3. Enter your new password and press enter. To ensure you have made no mistakes, the computer will ask you to repeat your new password.
4. Retype your new password and press enter.


```
hafez:mahmoodi% passwd
Changing password for user mahmoodi.
Changing password for mahmoodi
(current) UNIX password:
New UNIX password:
Retype new UNIX password:
passwd: all authentication tokens updated successfully.
hafez:mahmoodi% ▊
```