

# CGS 3175: Internet Applications Fall 2009

FTP On [eustis.eecs.ucf.edu](ftp://eustis.eecs.ucf.edu)

Instructor : Dr. Mark Llewellyn  
markl@cs.ucf.edu  
HEC 236, 407-823-2790  
<http://www.cs.ucf.edu/courses/cgs3175/fall2009>

School of Electrical Engineering and Computer Science  
University of Central Florida



# Some Preliminaries

- There are a few things that you will need to do in order to use your `eustis` account to publish a Web page.
- You are not required to use your `eustis` account for this assignment nor the upcoming project, but you certainly have it available. If you want to use another server to host your Web page that is fine also.
- I expect that most of you will create your XHTML documents and CSS files on your own machines and when you get them the way you want them, you will then upload them to `eustis`. You can also do all of your development on `eustis` if you wish. Text editors `vi` and `pico` are available on `eustis`.
- I'll write these notes with the expectation that you will be developing your XHTML documents and CSS files on your own machine and uploading them to `eustis` at some later time.



Service Desk - Windows Internet Explorer

http://helpdesk.ucf.edu/

File Edit View Favorites Tools Help

Google Search Bookmarks Sign In

Service Desk

University of Central Florida

Computer Services & Telecommunications Service Desk

Live Chat ONLINE

- Home
- UCF Telecommunications
- Submit a Ticket
- Tutorials
- Useful Links
- Forms
- About Us

Office Hours: 8am - 5pm M-F  
Phone: 407-823-5117  
Email: servicedesk@mail.ucf.edu

What's New:

Looking for Support after Hours? You can [Submit a Ticket](#) online and we'll get back to you on the next business day.

Internet | Protected Mode: Off 100%

1. Go to the URL is: <http://helpdesk.ucf.edu>  
You should see this page when you get there.

2. Click on the Useful Links link here.



Service Desk - Useful Links - Windows Internet Explorer

http://helpdesk.ucf.edu/usefulLinks.html

File Edit View Favorites Tools Help

Google Search Bookmarks Sign In

Service Desk - Useful Links

University of Central Florida

Computer Services & Telecommunications Service Desk

Useful Links:

- ▶ Student Links:
  - [Student Email Policy](#)
  - [NID Reset Tool](#)
  - [NID Frequently Asked Questions](#)
  - [UCF Channel Line-up](#)
  - [NOC Secure Site](#)
  - [UCF Network Security](#)
  - [Library Proxy Setup](#)
  - [UCF Web Development Resources](#)
  - [UCF Technology Rules](#)
- ▶ Faculty Links:
  - [UCF Telecommunications](#)
  - [UCF Mobile Broadband](#)
  - [UCF Network Security](#)
  - [Academic Computing Support Forms](#)
  - [Pegasus Webmail \(Secure\)](#)
  - [Pegasus Password Change Page \(Secure\)](#)
  - [GroupWise Support](#)
  - [The UCF Portal](#)
  - [Course Development & Web Services](#)

Home  
Submit a Ticket  
Tutorials  
Useful Links  
Forms  
About Us  
Live Chat? ONLINE

The Useful Links page

Done Internet | Protected Mode: Off 100%



Service Desk - Useful Links - Windows Internet Explorer

http://helpdesk.ucf.edu/usefulLinks.html

File Edit View Favorites Tools Help

Google Search Bookmarks Sign In

Service Desk - Useful Links

- [Smartphone Services](#)
- [Ask UCF](#)
- [Novell Groupwise Support](#)
- [VPN Support](#)
- [Microsoft Windows Update Page](#)
- [Microsoft Support Knowledge Base](#)
- [UCF Phonebook](#)
- [Network Speed Test](#)
- [UCF Dial-Up](#)

► **Download Links:**

- [SFTP Client \(Windows\)](#)
- [SSH Client \(Windows\)](#)
- [SSH Client \(Mac\)](#)
- [PuTTY \(Windows\)](#)

► **Web Development Websites:**

- [CNet's Builder.com](#)
- [Adobe/Macromedia](#)

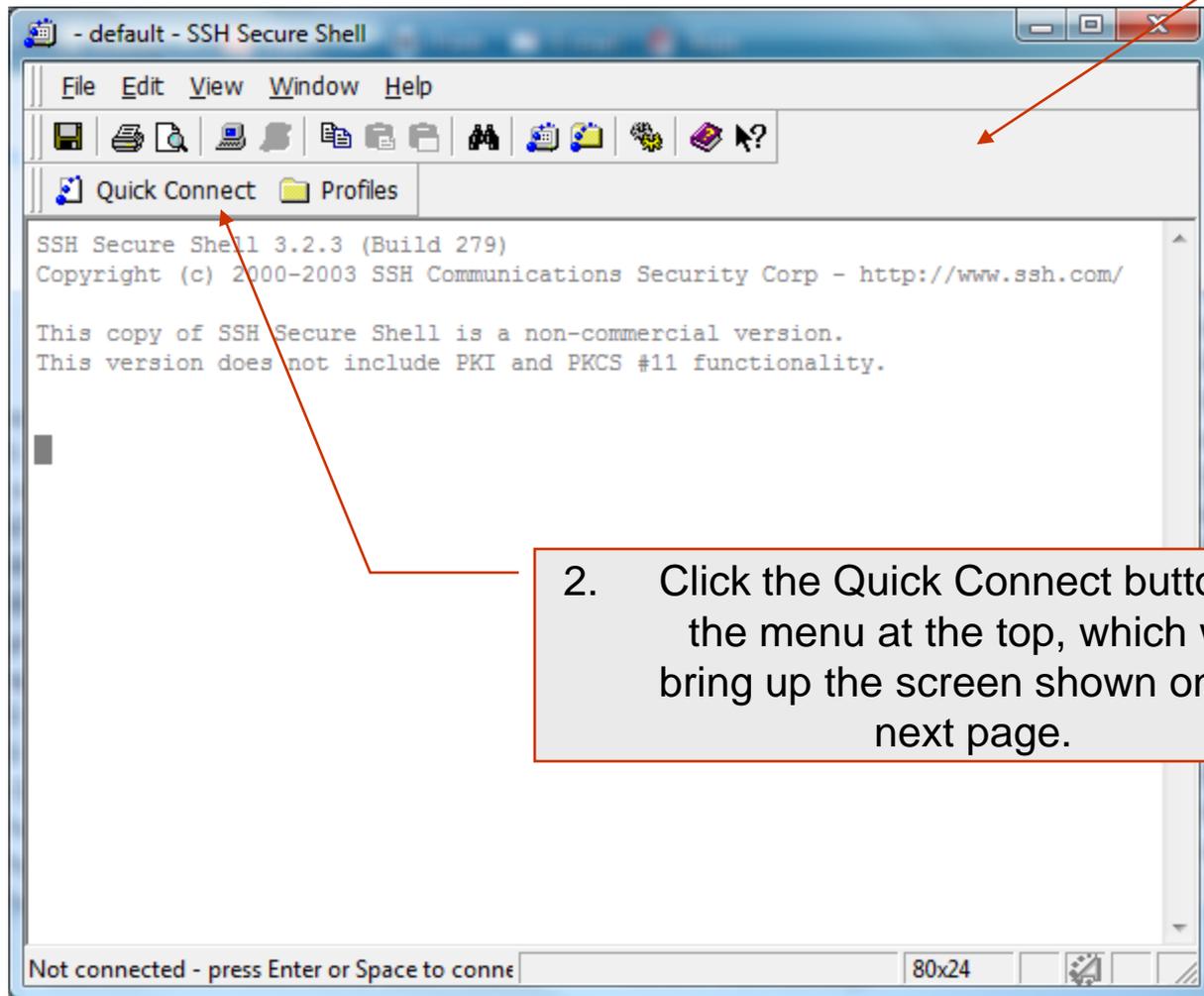
[Home](#) | [Submit a Ticket](#) | [Tutorials](#) | [Useful Links](#) | [Forms](#) | [Computer Store](#) | [About Us](#)

Phone: (407) 823-5117 | Email: [servicedesk@mail.ucf.edu](mailto: servicedesk@mail.ucf.edu)



Scroll down this page to the last selection which is the download links. Select your choice here to download program. Either save it and install later, or run the install now. These notes show how to FTP using SSH Client.

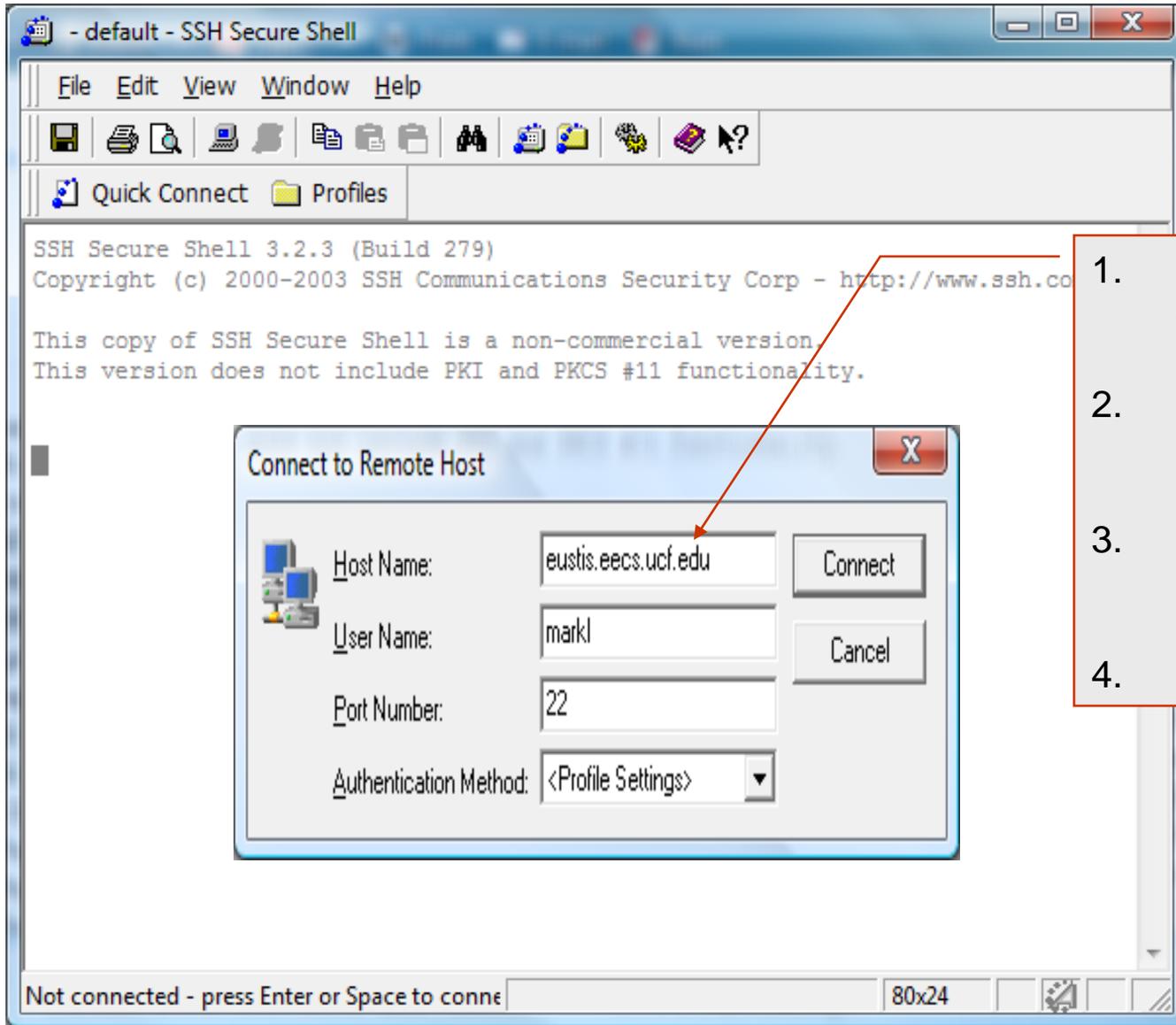




1. Once you install the SSH software, double click the icon labeled "Secure Shell Client: on your desktop. You should then see this screen.

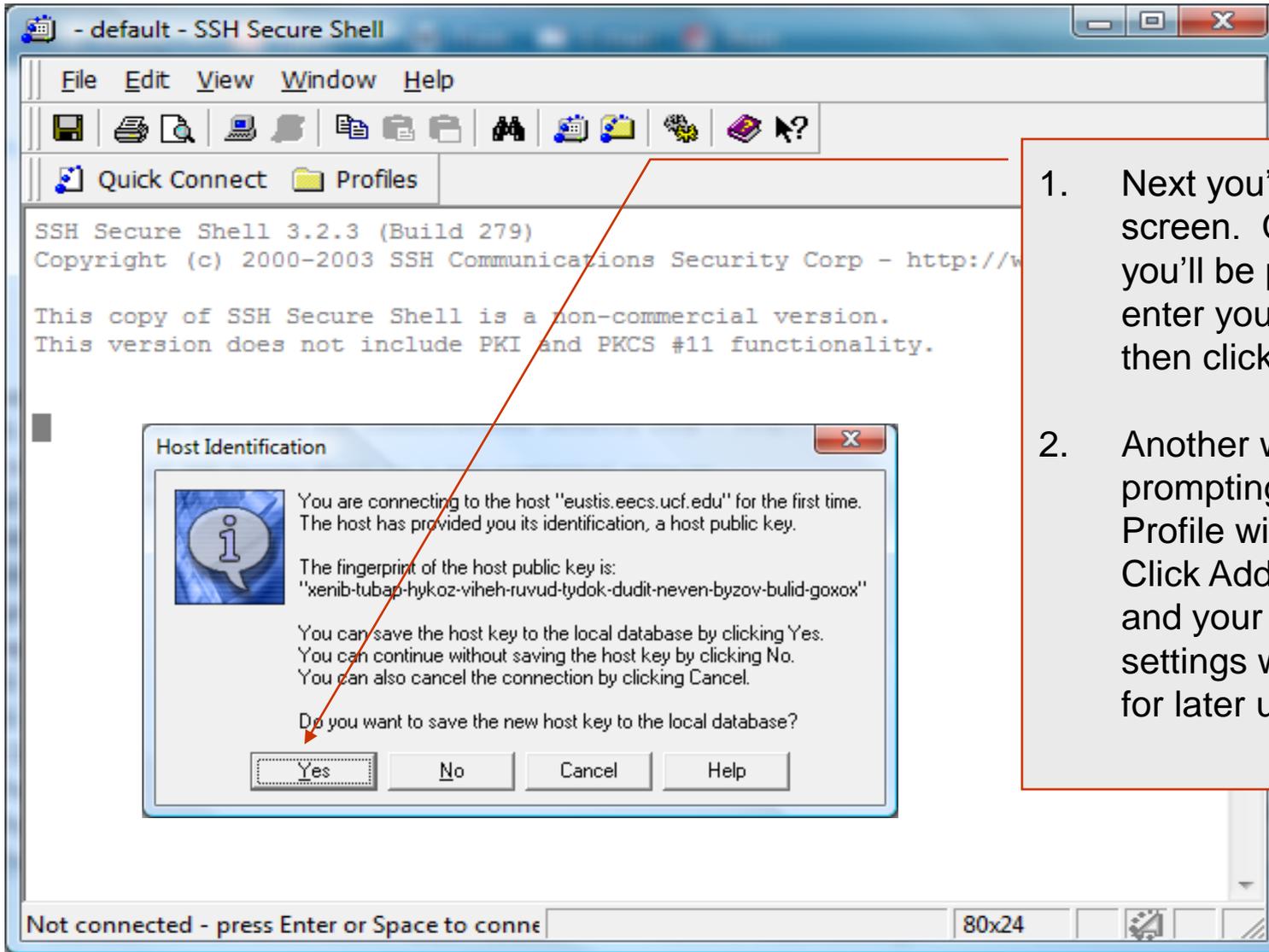
2. Click the Quick Connect button in the menu at the top, which will bring up the screen shown on the next page.





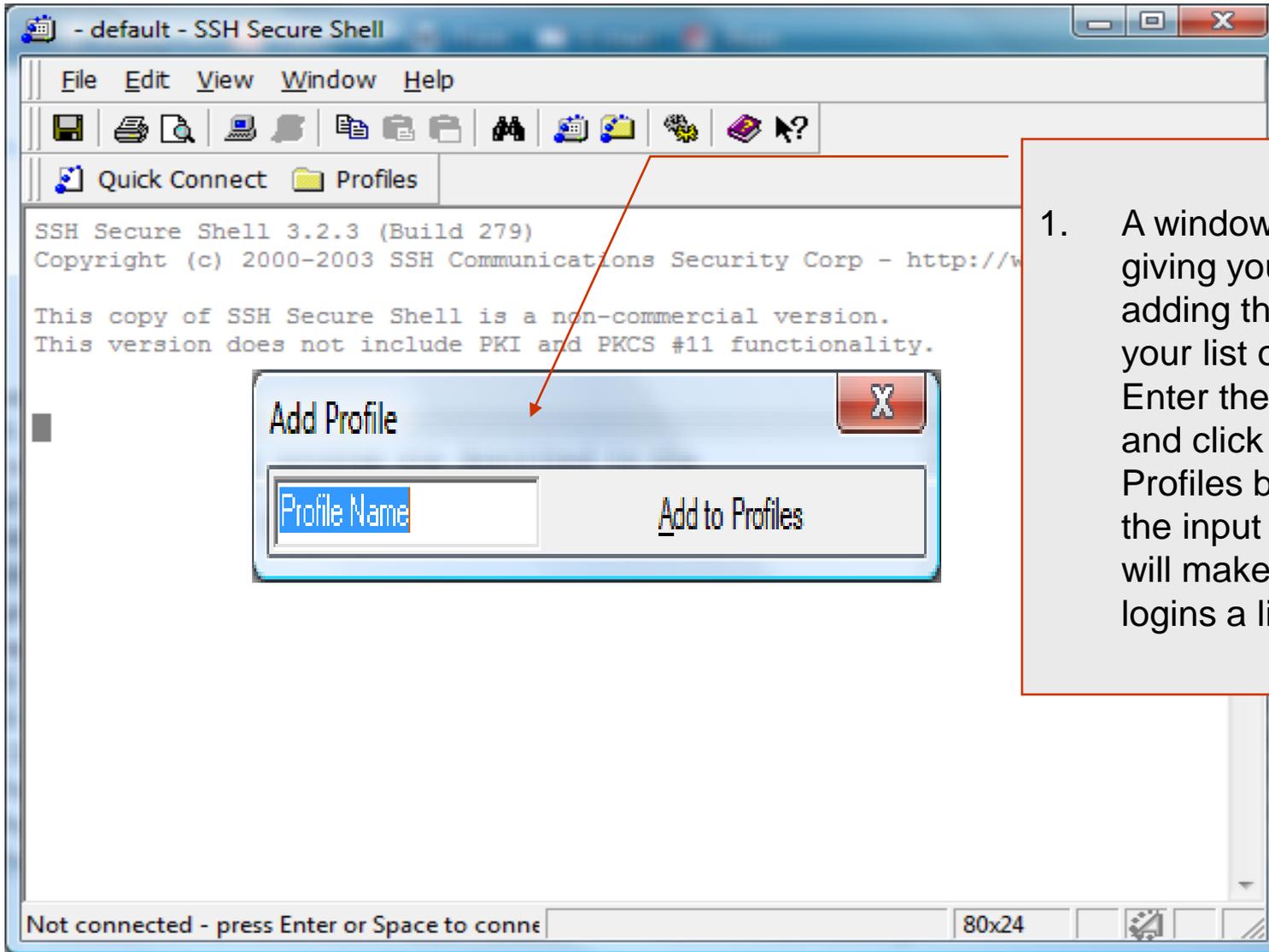
1. Enter Host Name: [eustis.eecs.ucf.edu](http://eustis.eecs.ucf.edu)
2. Enter User Name: [your NID](#)
3. Port Number should already be set to [22](#).
4. Click on Connect





1. Next you'll see this screen. Click "Yes:" and you'll be prompted to enter your password, then click OK.
2. Another window prompting you to Add Profile will appear. Click Add to Profiles and your connection settings will be saved for later use.





1. A window will pop-up giving you the option of adding this server to your list of profiles. Enter the name eustis and click the Add to Profiles button next to the input window and it will make subsequent logins a little bit simpler.



```
eustis.eecs.ucf.edu - default - SSH Secure Shell
File Edit View Window Help
[Icons]
Quick Connect Profiles

the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
Last login: Mon Sep 28 16:01:49 2009 from 10.173.203.112
markl@olympus:~$ exit;
logout
Linux olympus 2.6.24-19-server #1 SMP Wed Aug 20 23:54:28 UTC 2008 i686

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
Last login: Mon Sep 28 16:28:34 2009 from 10.173.203.112
markl@olympus:~$ █
```

This is the eustis prompt.

You are now remotely connected to the eustis server via your computer.



```
eustis.eecs.ucf.edu - olympus-eecs* - SSH Secure Shell
File Edit View Window Help
Quick Connect Profiles
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
Last login: Tue Sep 1 15:06:17 2009 from 10.173.203.112
markl@olympus:~$ ls -l
total 0
markl@olympus:~$ homepagesetup
I will now check your account for proper setup and create any files
that you are missing. This will set you up with a simple home page.

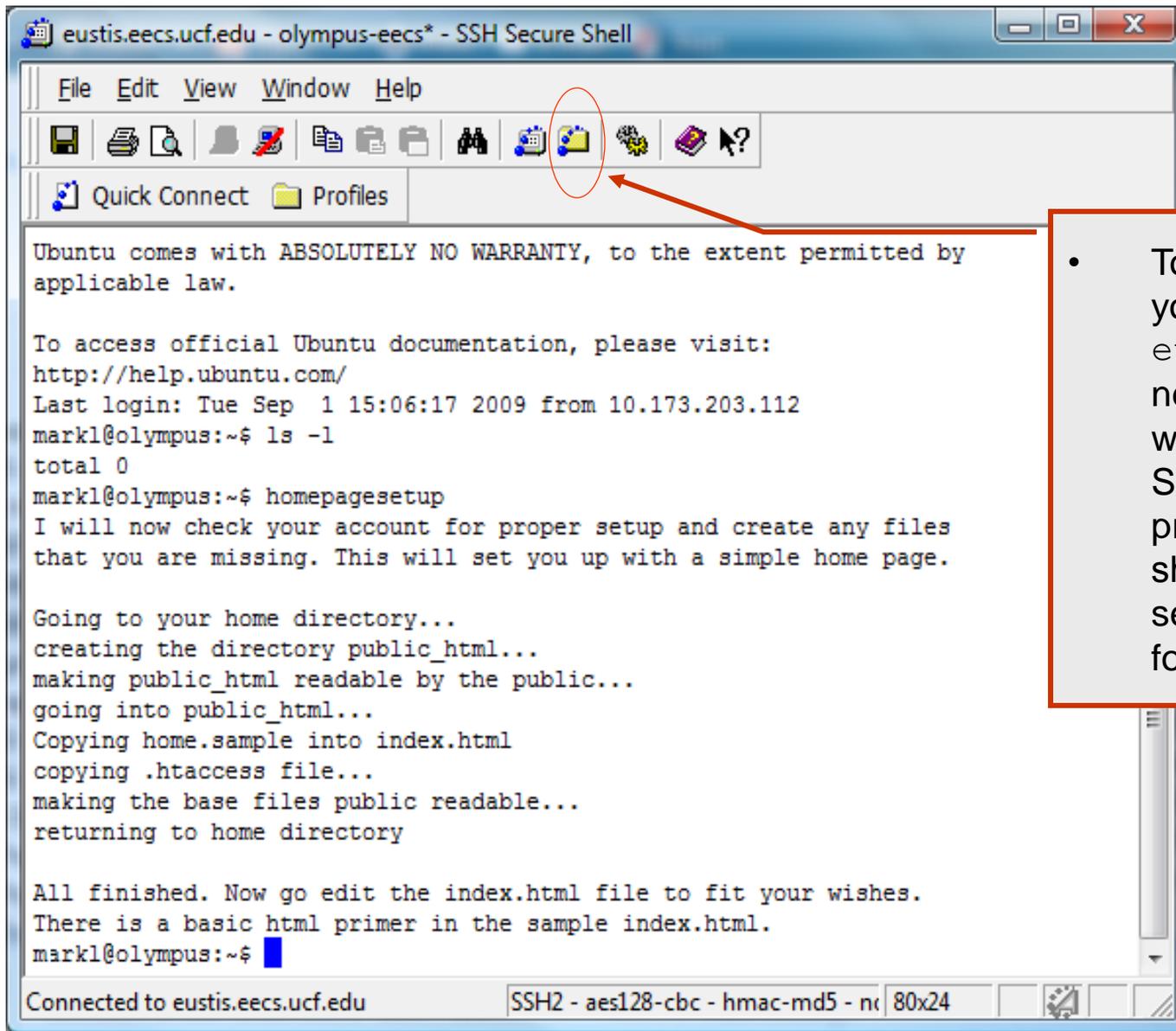
Going to your home directory...
creating the directory public_html...
making public_html readable by the public...
going into public_html...
Copying home.sample into index.html
copying .htaccess file...
making the base files public readable...
returning to home directory

All finished. Now go edit the index.html file to fit your wishes.
There is a basic html primer in the sample index.html.
markl@olympus:~$
```

At the `eustis` prompt you need to enter the command `homepagesetup`.

**NOTE:** You will only run the `homepagesetup` command this one time to setup your `public_html` directory on the server. If you run this command again later, after you've put files onto the server, they will be lost. **THIS IS A ONE TIME COMMAND!**

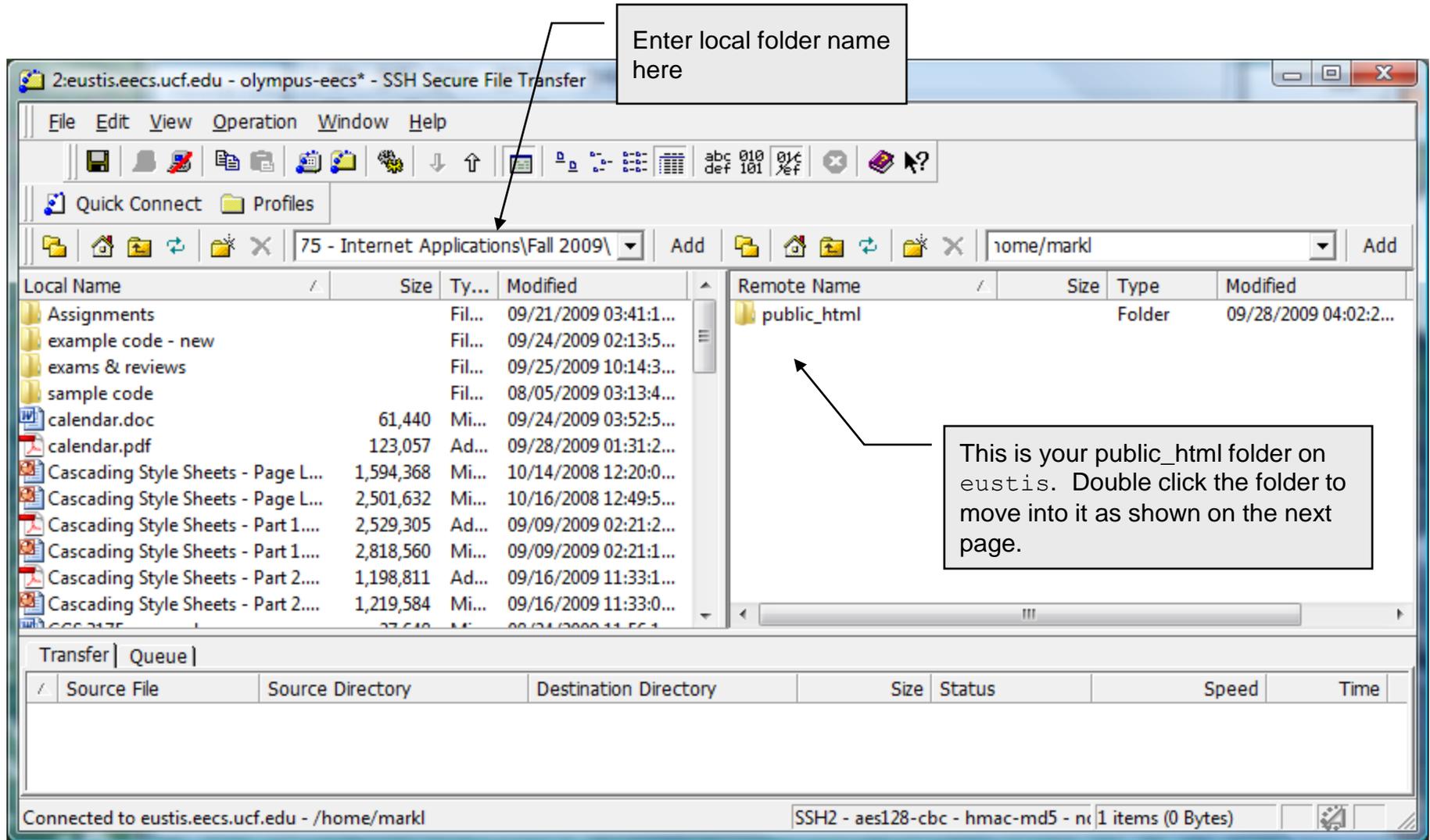




- To transfer files from your computer onto the eustis server, you need to open a new window called the Secure File Transfer program. Click the icon shown here and you'll see the screen on the following page appear.



# The SSH Secure File Transfer Window



2:eustis.eecs.ucf.edu - olympus-eecs\* - SSH Secure File Transfer

File Edit View Operation Window Help

Quick Connect Profiles

75 - Internet Applications\Fall 2009\ Add /home/markl/public\_html Add

Local Name	Size	Type	Modified	Remote Name	Size	Type	Modified
Assignments		Fil...	09/21/2009 03:41:1...	index.html	1,538	HTML D...	09/28/2009 04:02:2...
example code - new		Fil...	09/24/2009 02:13:5...				
exams & reviews		Fil...	09/25/2009 10:14:3...				
sample code		Fil...	08/05/2009 03:13:4...				
calendar.doc	61,440	Mi...	09/24/2009 03:52:5...				
calendar.pdf	123,057	Ad...	09/28/2009 01:31:2...				
Cascading Style Sheets - Page L...	1,594,368	Mi...	10/14/2008 12:20:0...				
Cascading Style Sheets - Page L...	2,501,632	Mi...	10/16/2008 12:49:5...				
Cascading Style Sheets - Part 1....	2,529,305	Ad...	09/09/2009 02:21:2...				
Cascading Style Sheets - Part 1....	2,818,560	Mi...	09/09/2009 02:21:1...				
Cascading Style Sheets - Part 2....	1,198,811	Ad...	09/16/2009 11:33:1...				
Cascading Style Sheets - Part 2....	1,219,584	Mi...	09/16/2009 11:33:0...				

Transfer Queue

Source File	Source Directory	Destination Directory

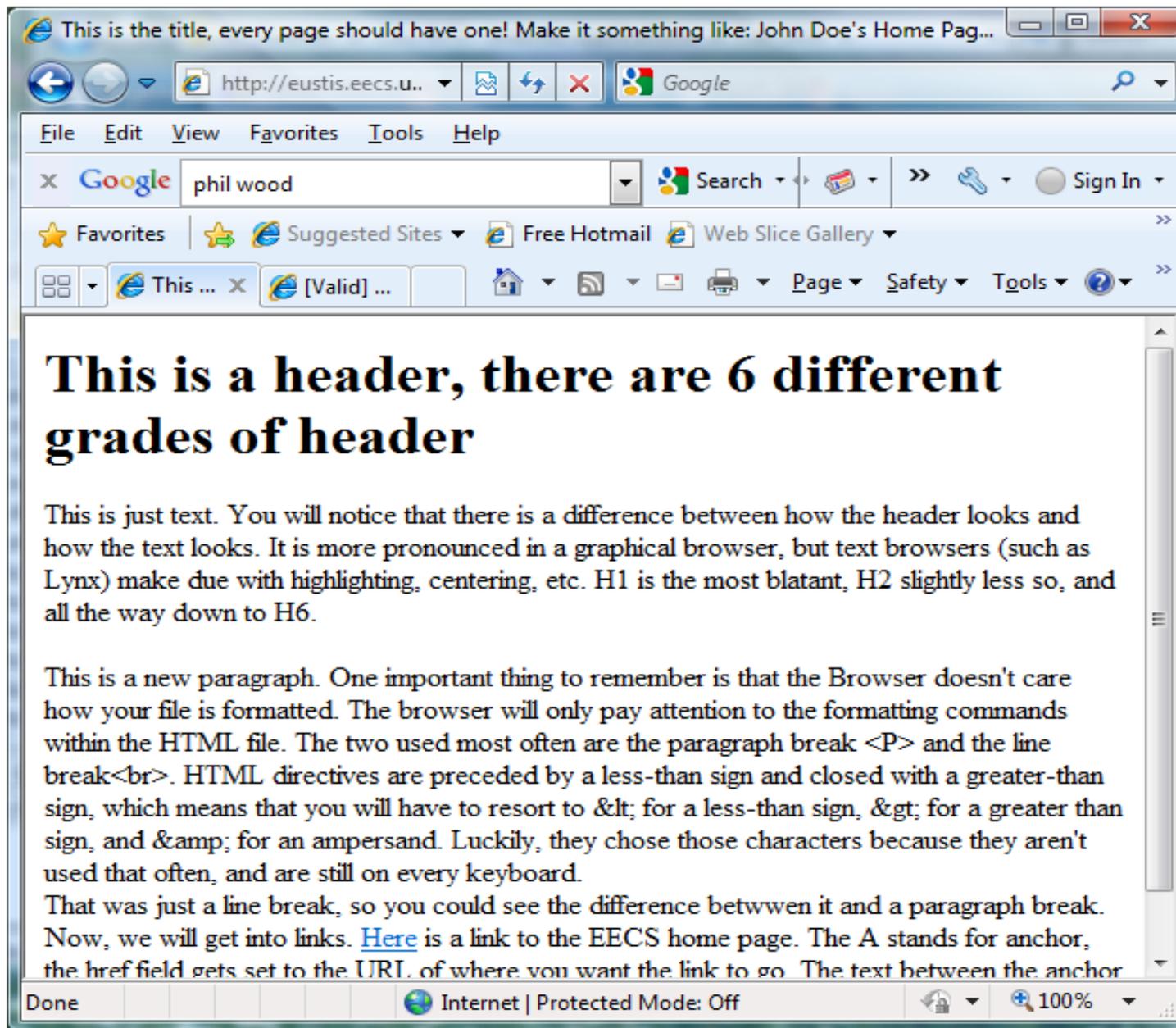
Connected to eustis.eecs.ucf.edu - /home/markl/public\_html

SSH2 - aes128-cbc - hmac-md5 - nr 1 items (1.5 KB)

This is probably the only file currently in your public\_html directory (folder). It's a basic home page for your web site with the name index.html.

If you want to see it rendered enter the url: <http://eustis.eecs.ucf.edu/~yournid/index.html>, it will look like the next page. We'll change that later.





## The SSH Secure File Transfer Window

Locate the file(s) on your computer that you want to transfer to `eustis`. Highlight the file(s).

Simply drag the file(s) from the “local window” (your computer) over to the “remote window” (`eustis`) into your `public html` folder.

Local Name	Size	Type	Modified	Remote Name	Size	Type	Modified	At
assignment3 - markup onl...	1,878	HTML D...	10/05/2009 12:33:5...	assignment3.html	2,978	HTML D...	10/05/2009 12:29:3...	-n
assignment3.html	2,978	HTML D...	10/05/2009 12:29:3...	assignment3CSS.css	458	CSS File	10/05/2009 12:11:1...	-n
assignment3CSS.css	458	CSS File	10/05/2009 12:11:1...	index.html	1,538	HTML D...	09/28/2009 04:02:2...	-n
xhtml strict template.html	348	HTML D...	09/30/2009 02:45:0...					

Source File	Source Directory	Destination Directory	Size	Status	Speed	Time
↑ assignment3.html	C:\Courses\CGS 3175 - Intern...	/home/markl/public_html	2,978	Complete	198.5 kB/s	00:00:00
↑ assignment3CSS.css	C:\Courses\CGS 3175 - Intern...	/home/markl/public_html	458	Complete	458.0 kB/s	00:00:00

Connected to `eustis.eecs.ucf.edu` - `/home/markl/public_html` SSH2 - aes128-cbc - hmac-md5 - n 3 items (5.0 KB)



## The SSH Secure File Transfer Window

2:eustis.eecs.ucf.edu - eustis - SSH Secure

File Edit View Operation Window

Quick Connect Profiles

Local Name / Size Type Modified Remote Name / Size Type Modified At

Local Name	Size	Type	Modified	Remote Name	Size	Type	Modified	At
assignment3 - markup onl...	1,878	HTML D...	10/05/2009 12:33:5...	assignment3.html	2,978	HTML D...	10/05/2009 12:29:3...	-n
assignment3.html	2,978	HTML D...	10/05/2009 12:29:3...	assignment3CSS.css	458	CSS File	10/05/2009 12:11:1...	-n
assignment3CSS.css	458	CSS File	10/05/2009 12:11:1...	index.html	1,538	HTML D...	09/28/2009 04:02:2...	-n
xhtml strict template.html	348	HTML D...	09/30/2009 02:45:0...					

Transfer | Queue |

Source File	Source Directory	Destination Directory	Size	Status	Speed	Time
assignment3.html	C:\Courses\CGS 3175 - Intern...	/home/markl/public_html	2,978	Complete	2,978.0 kB/s	00:00:00
assignment3CSS.css	C:\Courses\CGS 3175 - Intern...	/home/markl/public_html	458	Complete	458.0 kB/s	00:00:00

Connected to eustis.eecs.ucf.edu - /home/markl/public\_html

SSH2 - aes128-cbc - hmac-md5 - n 3 items (5.0 KB)

Locate the file(s) on your computer that you want to transfer to eustis. Highlight the file(s). Use the CTRL key to select more than one file separated by other files. Use the Shift key to highlight several contiguous files.

Simply drag the file(s) from the "local window" (your computer) over to the "remote window" (eustis). (Just hold the mouse key down for the drag.) Voila! Your files are now on the eustis server.



# The SSH Secure File Transfer Window

The screenshot shows the SSH Secure File Transfer window for the connection 2:eustis.eecs.ucf.edu - eustis. The window is divided into several sections:

- Local Name Table:** Lists files on the local machine.
- Remote Name Table:** Lists files on the remote server at /home/mark/public\_html.
- Transfer Queue:** Shows the progress of file transfers.
- Status Bar:** Displays connection details and encryption settings.

A callout box with an arrow pointing to the close button (X) in the window title bar contains the text: "Simply close this window when you are done transferring files."

Local Name	Size	Type	Modified	Remote Name	Size	Type	Modified	At
assignment3 - markup onl...	1,878	HTML D...	10/05/2009 12:33:5...	assignment3.html	2,978	HTML D...	10/05/2009 12:29:3...	-n
assignment3.html	2,978	HTML D...	10/05/2009 12:29:3...	assignment3CSS.css	458	CSS File	10/05/2009 12:11:1...	-n
assignment3CSS.css	458	CSS File	10/05/2009 12:11:1...	index.html	1,538	HTML D...	09/28/2009 04:02:2...	-n
xhtml strict template.html	348	HTML D...	09/30/2009 02:45:0...					

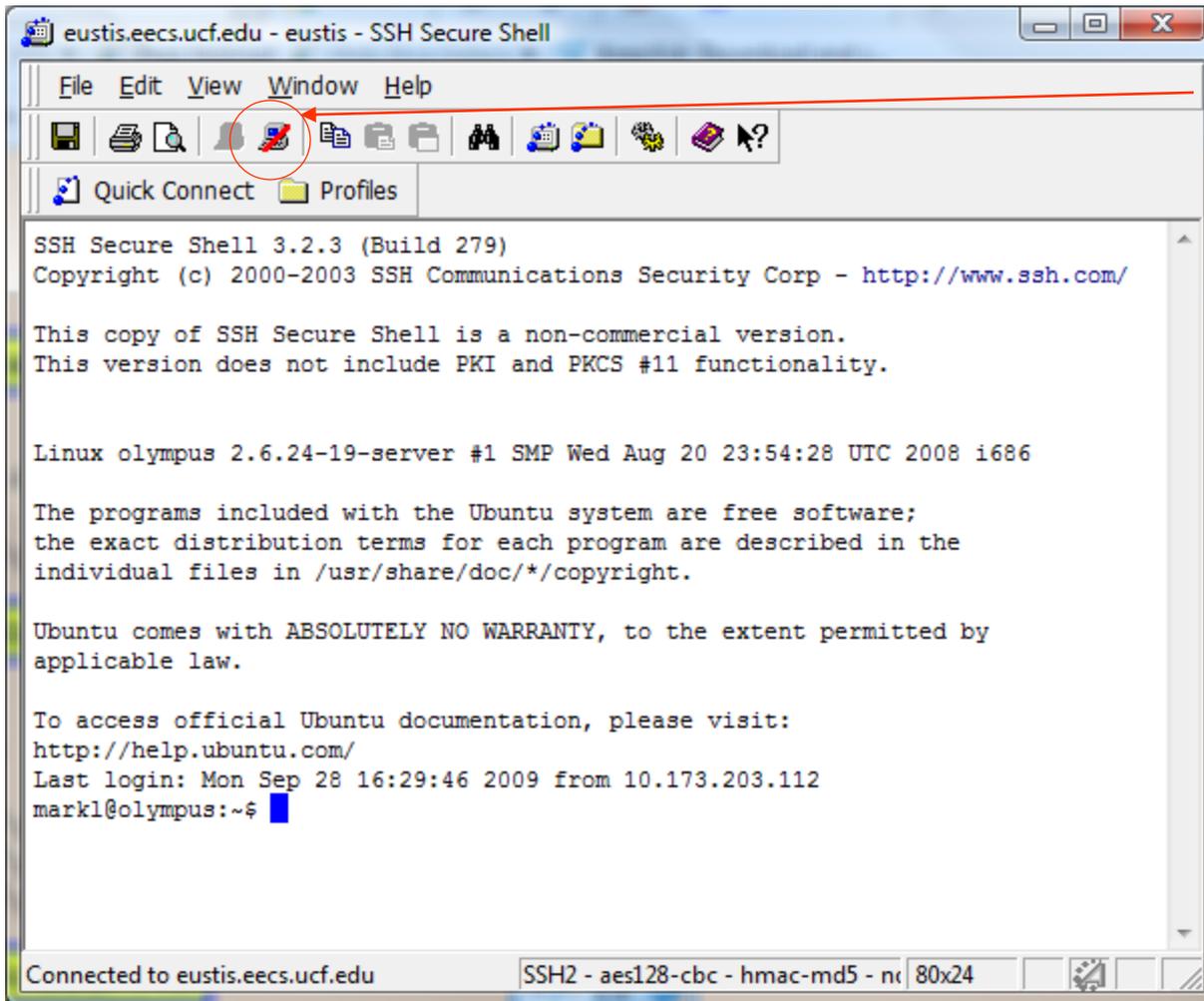
  

Source File	Source Directory	Destination Directory	Size	Status	Speed	Time
assignment3.html	C:\Courses\CGS 3175 - Intern...	/home/mark/public_html	2,978	Complete	198.5 kB/s	00:00:00
assignment3CSS.css	C:\Courses\CGS 3175 - Intern...	/home/mark/public_html	458	Complete	458.0 kB/s	00:00:00

Connected to eustis.eecs.ucf.edu - /home/mark/public\_html  
SSH2 - aes128-cbc - hmac-md5 - n 3 items (5.0 KB)



# Shutting Down the SSH Client



1. Even though you've closed the File Transfer window, you are still remotely connected to Pegasus. In the SSH Client window, click this Icon to disconnect.
2. A confirm disconnect window may appear. Simply click OK.



CGS 3175 - Assignment #3 - Fall 2009 - Windows Internet Explorer

http://eustis.eecs.ucf.edu/~mark/assignment3.html

strict list numbering

File Edit View Favorites Tools Help

Google

Favorites Suggested Sites

Zimbra Collabor... CGS 3175 - As...

Viewing Your Assignment On The eustis Server – Open your browser and for the URL enter the following:  
`http://eustis.eecs.ucf.edu/~yourUserName/nameOfYourFile.html`

## My Week - Mark Llewellyn

**Monday - October 12th**

- AM
  - 10:30-11:45 am - CNT 4714
- PM
  - 1:00-3:00 pm - Office Hours

**Tuesday - October 13th**

- AM
  - Research
- PM
  - 3:00-4:15 pm - Office Hours
  - 4:30-5:45 pm - COP 4710
  - 7:30-8:45 pm - CGS 3175

**Wednesday - October 14th**

- AM
  - 10:30-11:45 am - CNT 4714
- PM

**Thursday - October 15th**

- AM
  - Research
- PM
  - 3:00-4:15 pm - Office Hours
  - 4:30-5:45 pm - COP 4710
  - 7:30-8:45 pm - CGS 3175

**Friday - October 16th**

- AM
  - 10:30-11:20 am - CNT 4714
- PM
  - 2:00-4:00 - Faculty Meeting

W3C XHTML 1.0

W3C CSS

Done Internet | Protected Mode: Off 100%

