

# Creating Your Own Pitt-Hosted Web Page (for PC Users)

## **Multimedia in Language Teaching Workshop Series**

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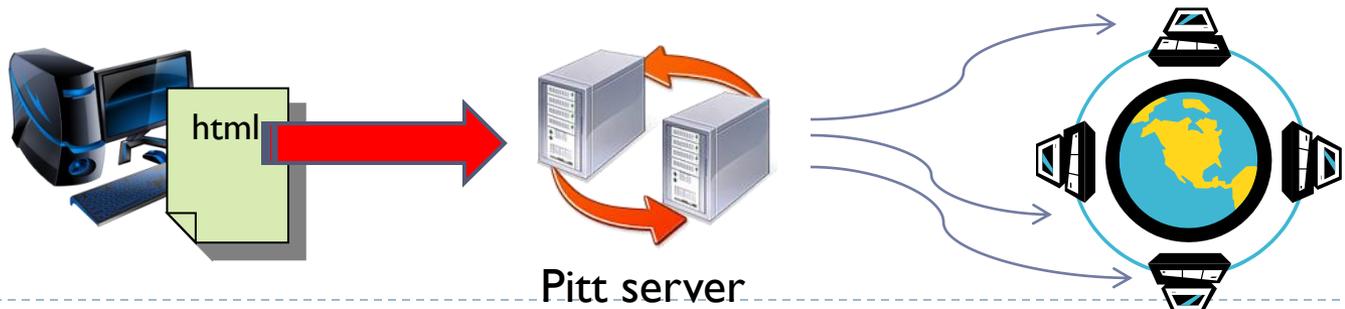
# Two Steps

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1. Create a web page and save it as an **html** file on your home computer
  - ▶ You need: **html editing software**



2. Upload your **html** file onto your designated Pitt server location (where it is published to the web!)
  - ▶ You need: **secure file transfer (sftp) software**



# Creating a Web Page File

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- ▶ Web page documents ends in **.html** or **.htm**
  - ▶ Html files are just like text files, with .html extension name!
- ▶ **Html document example**
  - ▶ Create a file called **index.html**
  - ▶ Open file in **wordpad** or **notepad**, and type in following lines:

```
<html>
```

```
<body>
```

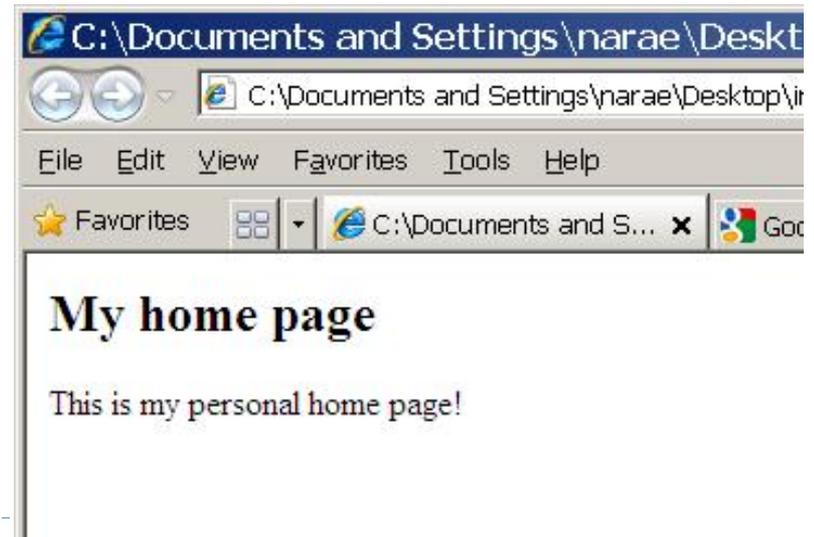
```
<h2>My home page</h2>
```

```
This is my personal home page!
```

```
</body>
```

```
</html>
```

- ▶ Now double click the file to open in browser. You should see →:



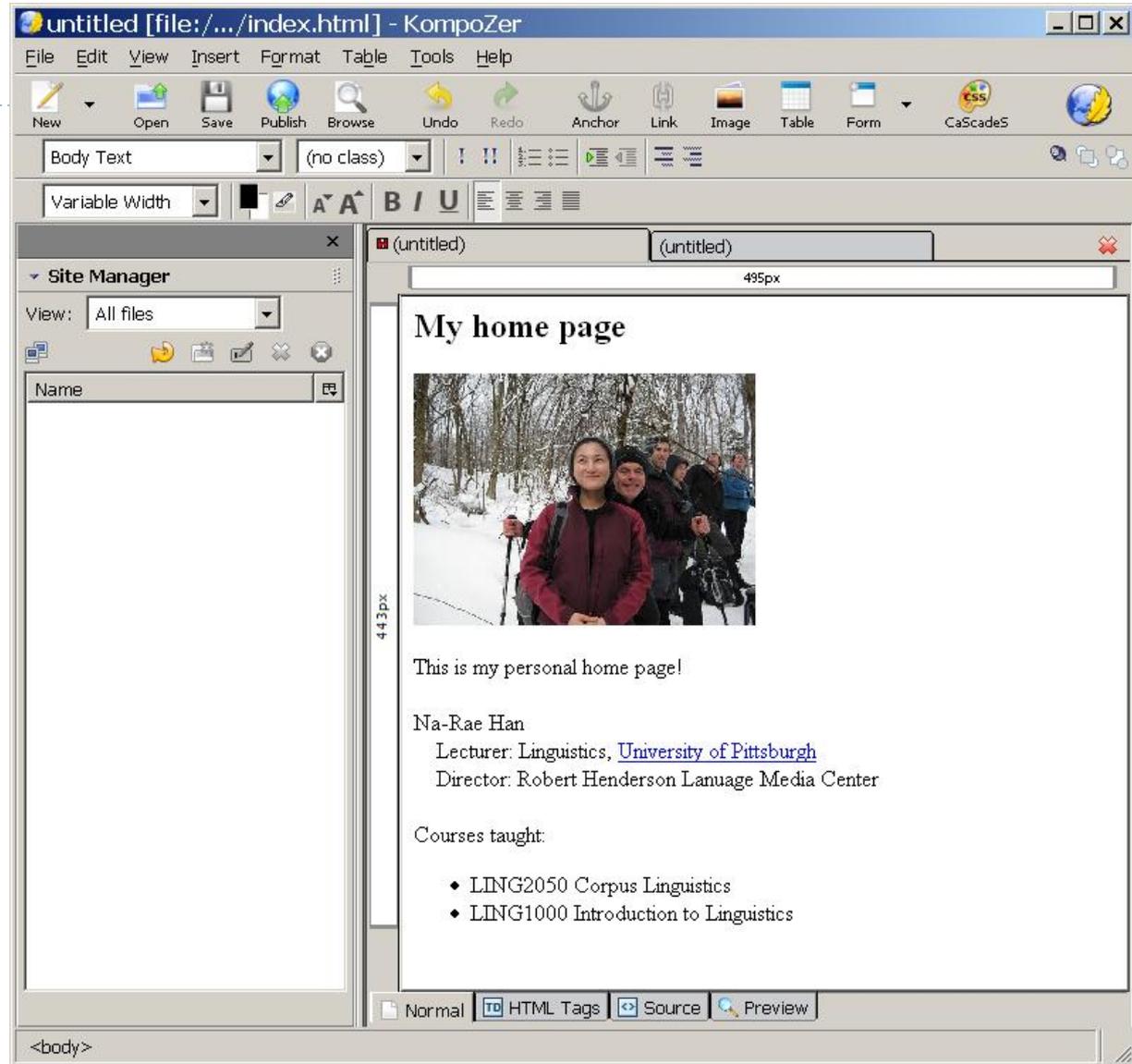
# Editing html Files

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- ▶ Learning html tags and hand-coding html files can be cumbersome
  - We can use WYSIWYG html editing software
- ▶ Popular html editors
  - ▶ **Adobe Dreamweaver CS5**
    - ▶ \$124 through [Pitt software purchase](#)
  - ▶ **KompoZer** (Free download)
    - ▶ We will use this one!
    - ▶ <http://www.kompozer.net/download.php>

# KompoZer

- ▶ Free
- ▶ No installation necessary – download zip file, unzip into a directory, and the program is ready to use!



# With KompoZer, You Can:

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- ▶ Design layout of your page
- ▶ Change font face, color, size
- ▶ Create bullet-point/numbered lists
- ▶ Create tables
- ▶ Insert **html links** into your text
- ▶ Insert **pictures** into your page by dragging photo file
  - ▶ Make sure your **photo.jpg** file is in the same directory as your **index.html** file! (Makes server uploading easier.)
  - ▶ For this workshop, please download any image file, save it as **photo.jpg** and use it in your html file. For example:
    - ▶ [http://www.publicdomainpictures.net/pictures/1000/nahled/IMG\\_2504.jpg](http://www.publicdomainpictures.net/pictures/1000/nahled/IMG_2504.jpg)

# Finished Editing Your Web Page?

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- ▶ You should now have two files:

- ▶ [index.html](#)

- ▶ [photo.jpg](#)

in the same directory. Now you need to upload these files onto Pitt server.

- ▶ After uploading was successful, your web page should have the following address (“[username](#)” is your Pitt user name)

- ▶ <http://www.pitt.edu/~username>

# Accessing Pitt Server

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Needed: a secure ftp client software.

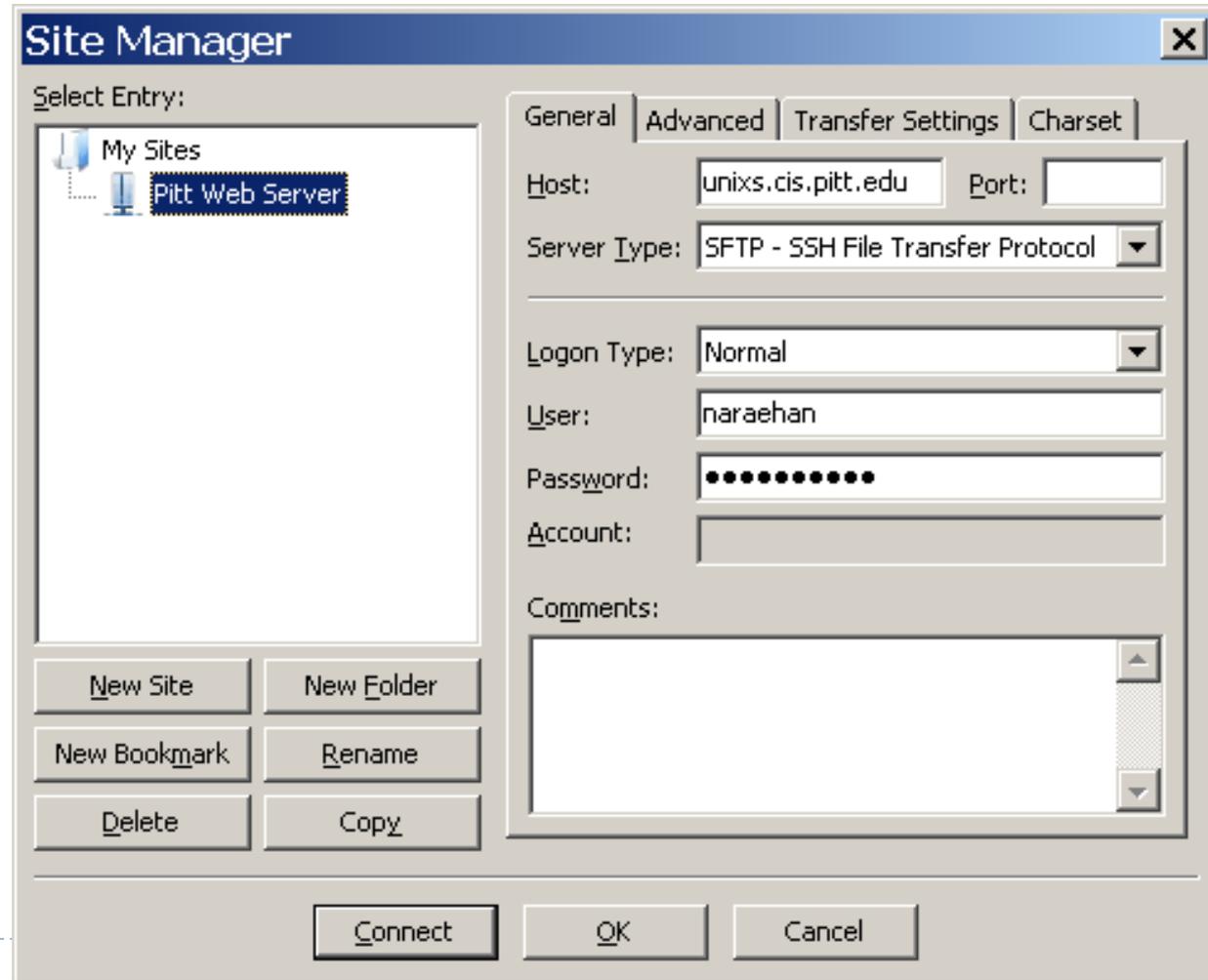
- ▶ Command-line based program: [psftp.exe](#)
  - ▶ <http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>
  - ▶ Download [psftp.exe](#), and save it in the same directory as your other web files!
  - ▶ Pitt CIDDE's instruction (link on last page) uses this program.
- ▶ Graphic interface: [Filezilla](#)
  - ▶ <http://filezilla-project.org/>
  - ▶ [http://portableapps.com/apps/internet/filezilla\\_portable](http://portableapps.com/apps/internet/filezilla_portable)  
(“Portable” version: no installation necessary.)
  - ▶ Easier to use: directory view, drag-and-drop, etc. We'll use this one.



# Configuring Server Connection

## “Site Manager” Settings:

- ▶ Host:  
**unixs.cis.pitt.edu**
- ▶ Server Type:  
**SFTP**
- ▶ Logon Type:  
**Normal**
- ▶ Supply your  
**Pitt username**  
**& password**
- ▶ And “Connect”!



Pitt Web Server - sftp://naraehan@unixs.cis.pitt.edu - FileZilla

File Edit View Transfer Server Bookmarks Help

Host: Username: Password: Port: Quickconnect

Command: `rm "/afs/pitt.edu/home/n/a/naraehan/public/html/Shortcut to Semantics.lnk"`  
Response: `rm /afs/pitt.edu/home/n/a/naraehan/public/html/Shortcut to Semantics.lnk: OK`  
Status: Disconnected from server  
Status: Retrieving directory listing...  
Command: `ls`  
Status: Listing directory /afs/pitt.edu/home/n/a/naraehan/public/html  
Status: Directory listing successful

Local site: D:\Docs RHLMC\Workshops\homepage\home\

Remote site: /afs/pitt.edu/h

public/html

Filename	Filesize	Filetype	Last modified	Permis
..				
ling2050		File Folder	4/14/2010	drwxr-
try		File Folder	10/29/2010 ...	drwxr-
index.html	2,622	Firefox D...	4/19/2010	-rw-r--
index.real.html	2,385	Firefox D...	4/1/2010	-rw-r--
narae-style.css	3,374	Cascadin...	2/12/2010	-rwxr--
naraehan-pitt.jpg	12,980	JPEG Image	1/31/2010	-rwx---
nrh-style.css	401	Cascadin...	2/9/2010	-rw-r--
portrait-monterey.s16...	11,764	JPEG Image	2/12/2010	-rwx---
puppy.jpg	28,027	JPEG Image	4/14/2010	-rwx---
slate-style.css	2,366	Cascadin...	2/10/2010	-rw-r--

hiking.jpg  
index.html  
photo.jpg

This is your personal directory on Pitt's Server.

Navigate into directory "public". And then, create a directory inside public called "html" unless it's already there.

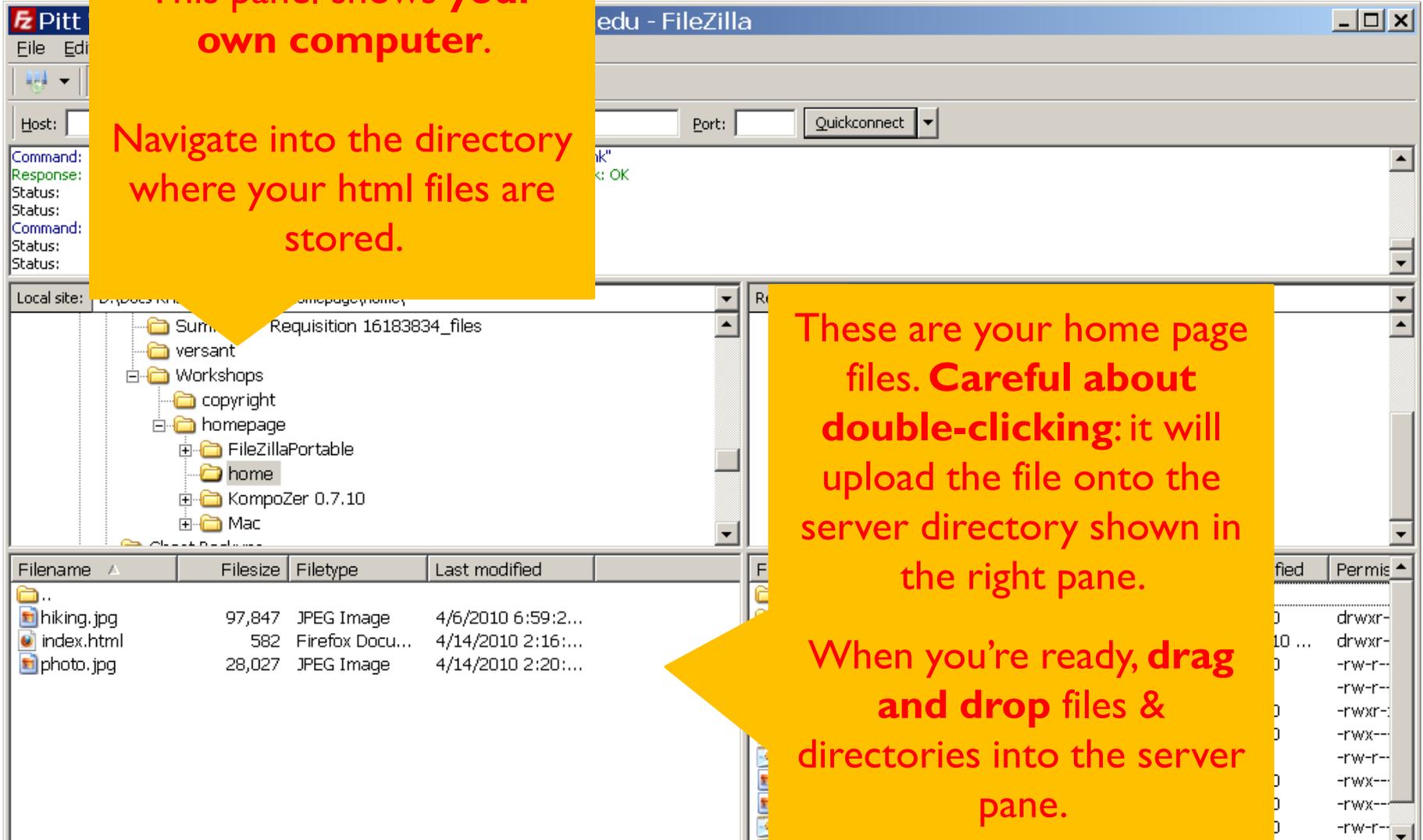
This is the content of the directory "public/html". This is where your index.html and other files should go.

This panel shows **your own computer**.

Navigate into the directory where your html files are stored.

These are your home page files. **Careful about double-clicking:** it will upload the file onto the server directory shown in the right pane.

When you're ready, **drag and drop** files & directories into the server pane.



# Your Homepage is Ready!

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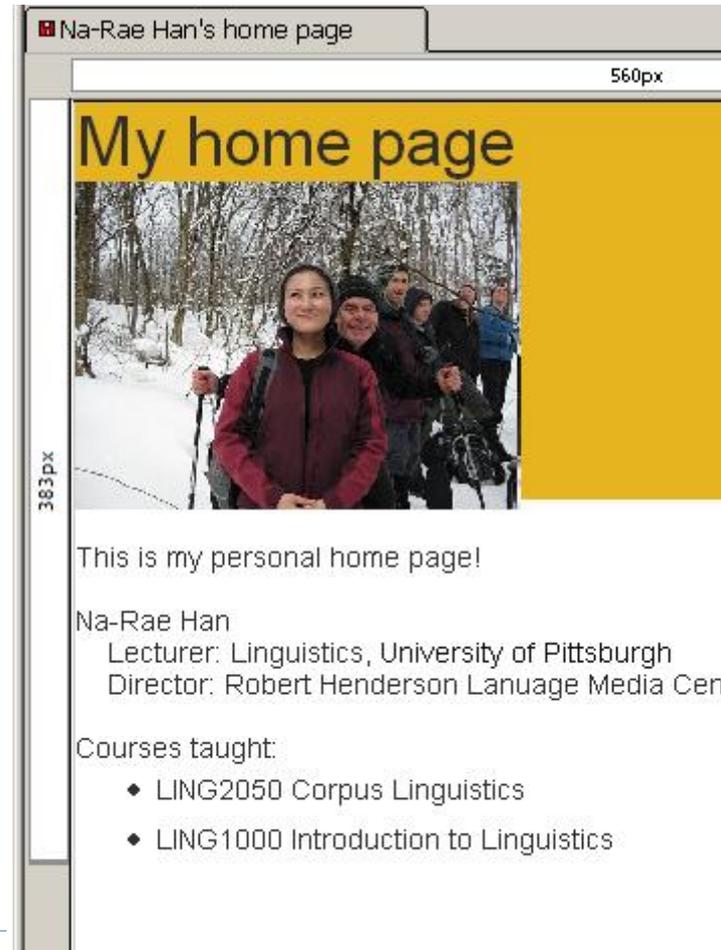
- ▶ After copying over [index.html](#) and other files, your homepage is instantly published to the web.
- ▶ Open your home address and verify it's there. This is your address:
  - ▶ <http://www.pitt.edu/~username>
  - ▶ If you made another directory, say “[class](#)”, under [public/html](#) and then stored your [index.html](#) file there, then your address is: <http://www.pitt.edu/~username/class>
  - ▶ If you gave your html file a name other than [index.html](#), say [research.html](#), then your address is:  
<http://www.pitt.edu/~username/research.html>

# Adding Designs

## ▶ Adding design elements:

### **CSS templates**

- ▶ Free ones available online. You can download them and apply to your page.
- ▶ <http://www.freecsstemplates.org/>
- ▶ Download a template and then unzip it.
- ▶ Applying CSS template:
  - ▶ From KompoZer, select CSS Editor
  - ▶ Linked Stylesheet → Choose File
  - ▶ Navigate into the unzipped directory, select “style.css” file
  - ▶ Hit “Create Stylesheet”
  - ▶ Now your homepage looks nicer! →
- ▶ Don't forget to upload the CSS template file and directory onto the server!



# Using psftp.exe instead of FileZilla

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- ▶ Double click `psftp.exe`
- ▶ Type in: `open unixs.cis.pitt.edu` (← open connection to Pitt server)
- ▶ Prompt says: “Store key in cache?” Type in: `y`
- ▶ Prompt: “login as:” Type in: `your user name`
- ▶ Prompt: “Password:” Type in: `your password`
- ▶ Type in: `cd public` (← changing directory, into “public”)
- ▶ Type in: `mkdir html` (← creates html directory. Needed only once.)
- ▶ Type in: `cd html` (← changing directory, into “html”)
- ▶ Type in: `put index.html` (← putting index.html into the directory)
- ▶ Type in: `put photo.jpg` (← putting photo.jpg)

You’re done!

Verify your page by opening it in your browser:

<http://www.pitt.edu/~username>

# Pitt Computing Services Help Pages

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- ▶ General information on creating Pitt-hosted web pages can be found here:
  - ▶ <http://technology.pitt.edu/network-web/unix-timesharing.html>
- ▶ Creating web page how-to (pdf file)
  - ▶ [http://technology.pitt.edu/Documents/network/web-sites/html\\_inst.pdf](http://technology.pitt.edu/Documents/network/web-sites/html_inst.pdf)
- ▶ Accessing Pitt server how-to (pdf file)
  - ▶ [http://technology.pitt.edu/Documents/network/unix-timesharing/Secure\\_UNIX\\_Windows\\_FINAL.pdf](http://technology.pitt.edu/Documents/network/unix-timesharing/Secure_UNIX_Windows_FINAL.pdf)