Maharishi University of Management, CS472
Lab 0: Getting Started

original lab idea and code by Victoria Kirst and Jeff Prouty; revised by Brian Le, Katlyn Edwards, Roy McElmurry IV, and Marty Stepp

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Basic lab instructions

- You may want to **bring your textbook** to labs to look up syntax and examples.
- Have a question? **Ask a TA** for help.
- We encourage you to **talk to your classmates**; it's okay to share code and ideas during lab.
- You are not expected to finish all of the exercises. Just do as much as you can in the allotted time. You don't need to finish the rest after you leave the lab.
- Before you leave, **check in** with a TA to get credit for your work.

Today's lab exercises

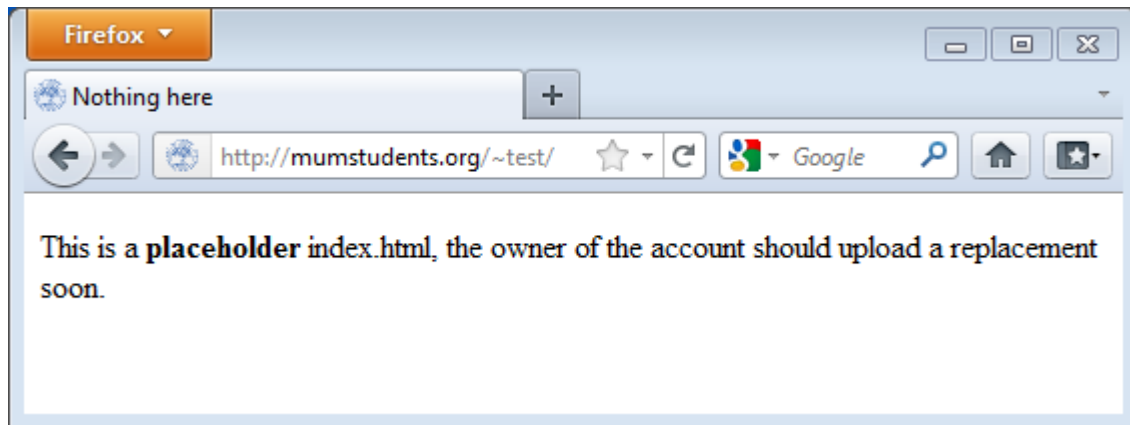Today you will create a home page for your mumstudents.org account

1. Connect to mumstudents.org
2. Download the existing index.html
3. Update the page
4. Upload the page back to mumstudents.org
5. Validate your HTML
6. Submit your assignment on Sakai

View your current homepage

You can look at your current (default generated) homepage by going to
http://mumstudents.org/~username/

Where your username is your mumstudents.org username that was emailed to you at the start of
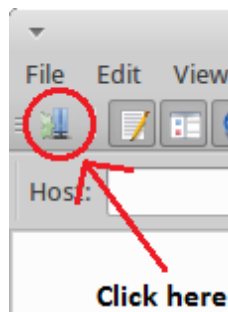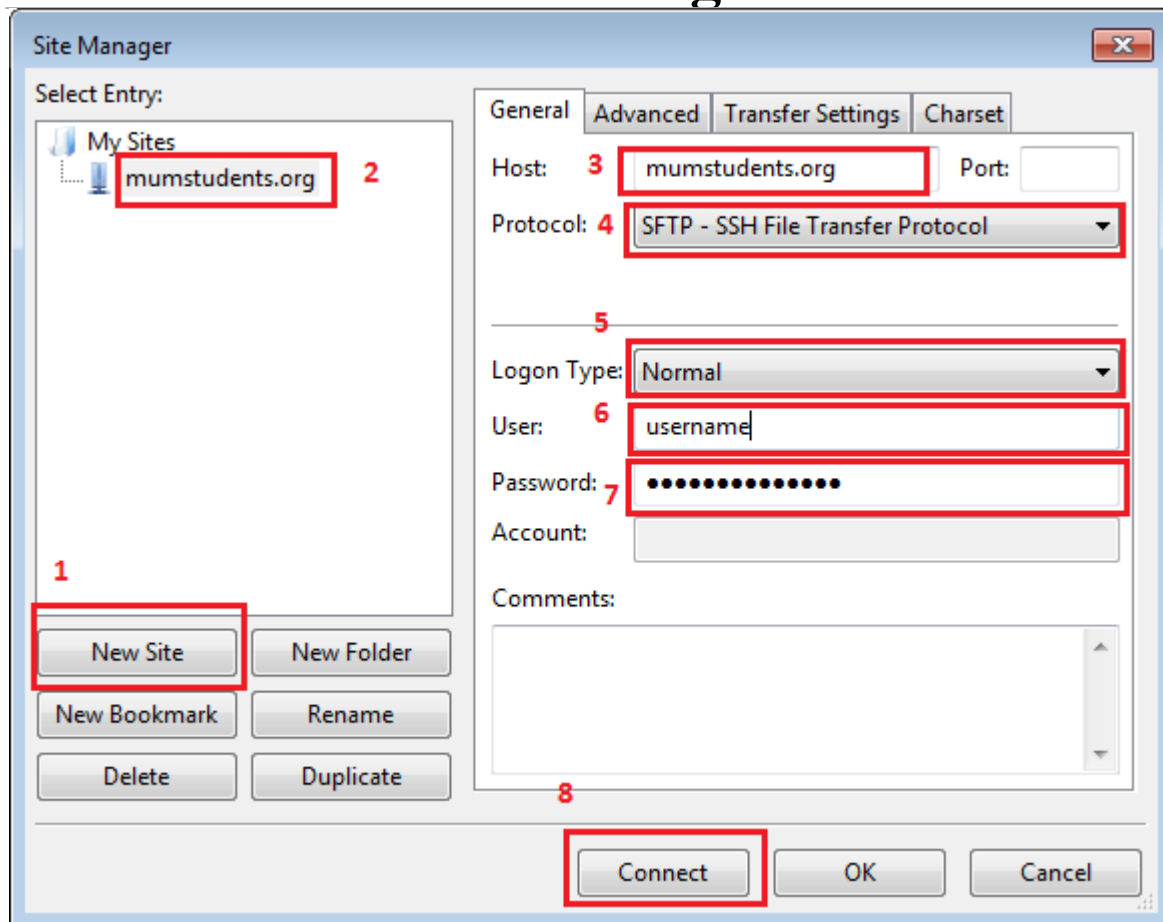the course

Your homepage probably looks like this:

Download Filezilla Client

Start by downloading filezilla client

Once downloaded open filezilla, and click on the site manager button
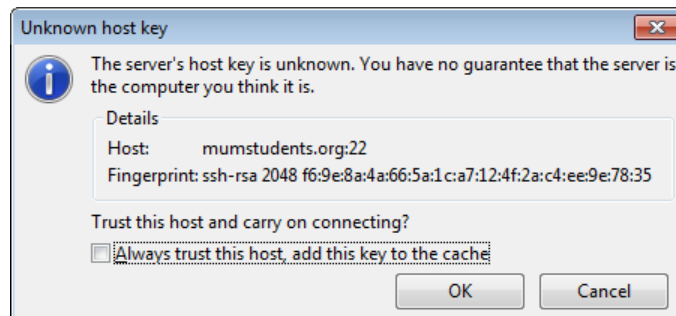
Add the mumstudents.org site

1. Click on the "New Site" button
2. name your site mumstudents.org
3. Enter mumstudents.org in the Host field
4. Change the protocol field to SFTP
5. Change the logon type to Normal
6. Set the user field to your mumstudents.org user name*
7. Set the password field to the matching password
8. Click on connect

*you should have received an email about your username and password on mumstudents.org

Unknown Host Key

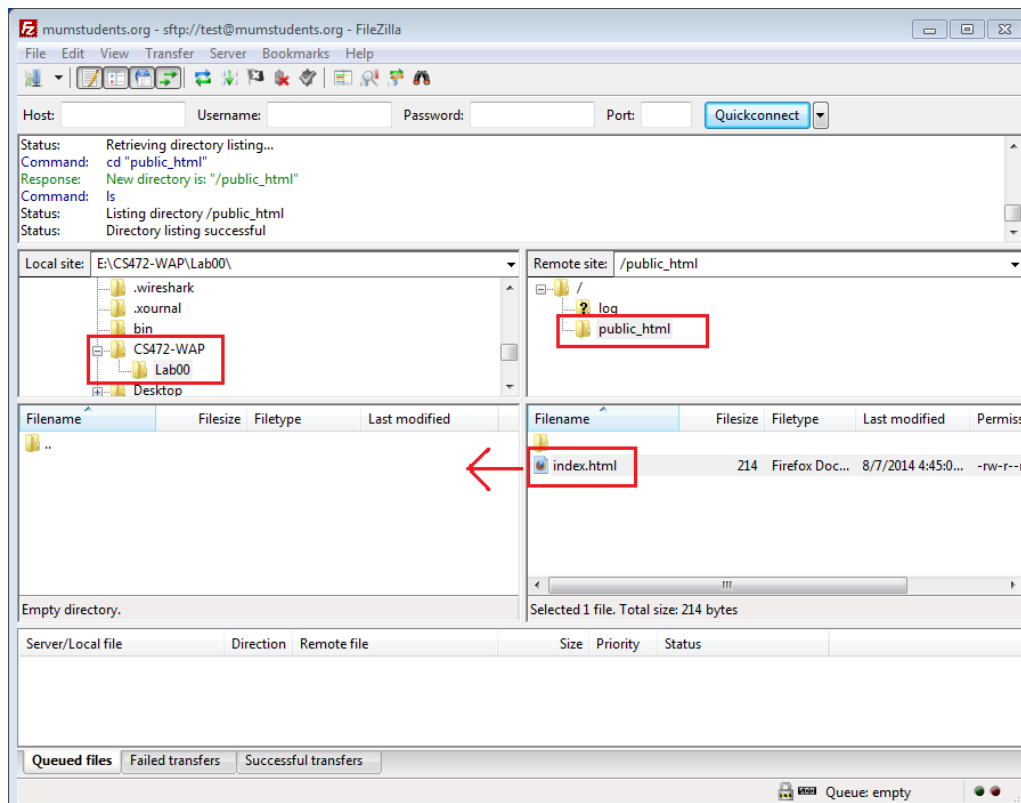The first time you connect filezilla will complain about an unknown host key

You can safely click the always trust checkbox and click OK to continue

Download index.html

- Double click on the public_html on the remote machine (right side)
- Navigate the locally (left side) to where you want to download to
- Either double click on, or drag from right to left the index.html file

Update the page

Open your index.html file in your preferred IDE

Your new homepage should have a couple of different items:

- Your name
- Your picture
- A unordered list with an item for each day this week

HTML Validation

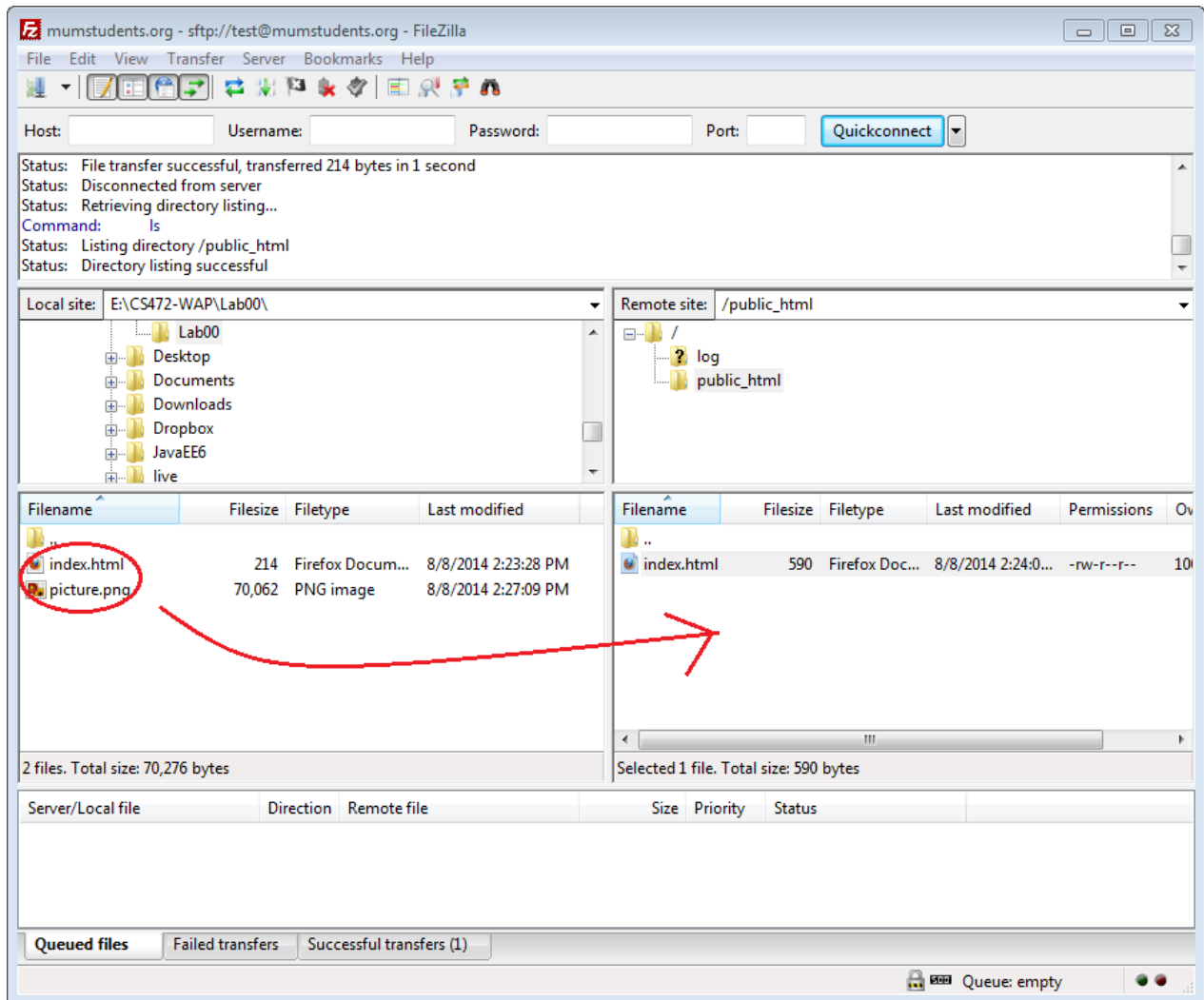At the bottom of your page, also add the following image link.

Doing so will allow you to validate that there are no errors in your HTML (we will talk about this more tomorrow)

```
<a href="http://validator.w3.org/check/referer">
  <img src="http://mumstudents.org/cs472/2014-09/images/w3c-html.png"
alt="html validator"/>
</a>
```

Upload to mumstudents.org

Once you're done editing the page, upload it back to mumstudents.org by dragging the file from left to right in filezilla.

Don't forget to also upload your picture.

Validate HTML

Now that you've uploaded it you will be able to see your page at:
http://mumstudents.org/~username/

In fact, not only can you see it, but anyone online can see it there.

You can request the that the W3C's web validator visits your page by **clicking on the validate link at the bottom of your page**

If everything goes well you should see a page something like this:

You can ONLY validate your code after you upload it publically to the Server

Submit to Sakai

When you're done, login to sakai and submit the url to your home page along with your description of how things went as the homework for today

for example:

Hi Professor, I completed the homework for today; you can see the results at:
http://mumstudents.org/~username/ . It took me about half an hour, I had some trouble figuring out how the img src attribute worked, but everything worked in the end.