

Maharishi University of Management, CS472

Lab 1: Getting Started

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

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

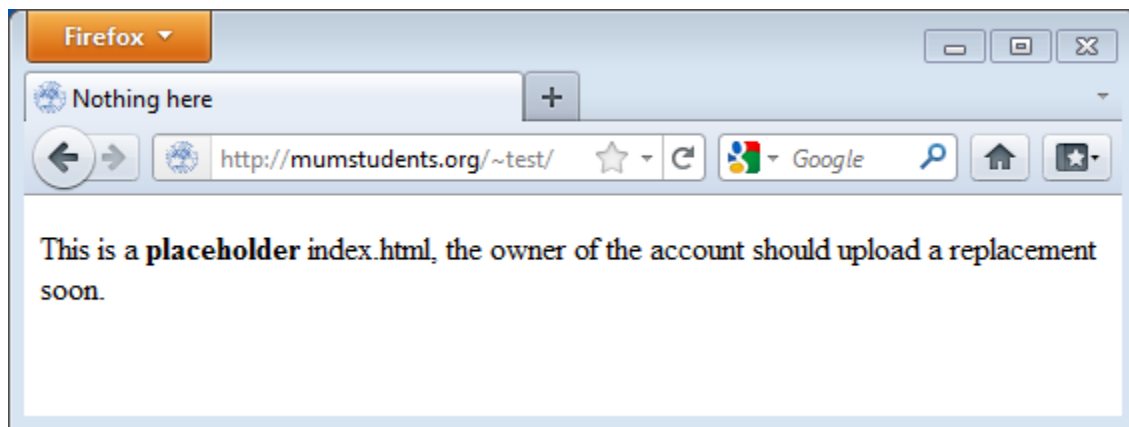
1. Connect to mumstudents.org
2. Download the existing index.html
3. Update the page
4. Upload the page back to mumstudents.org
5. Validate your HTML
6. Submit your assignment on Sakai

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

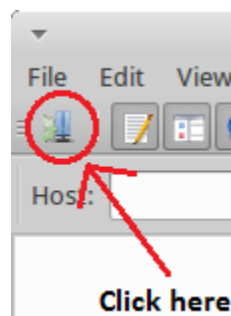
Your homepage probably looks like this:



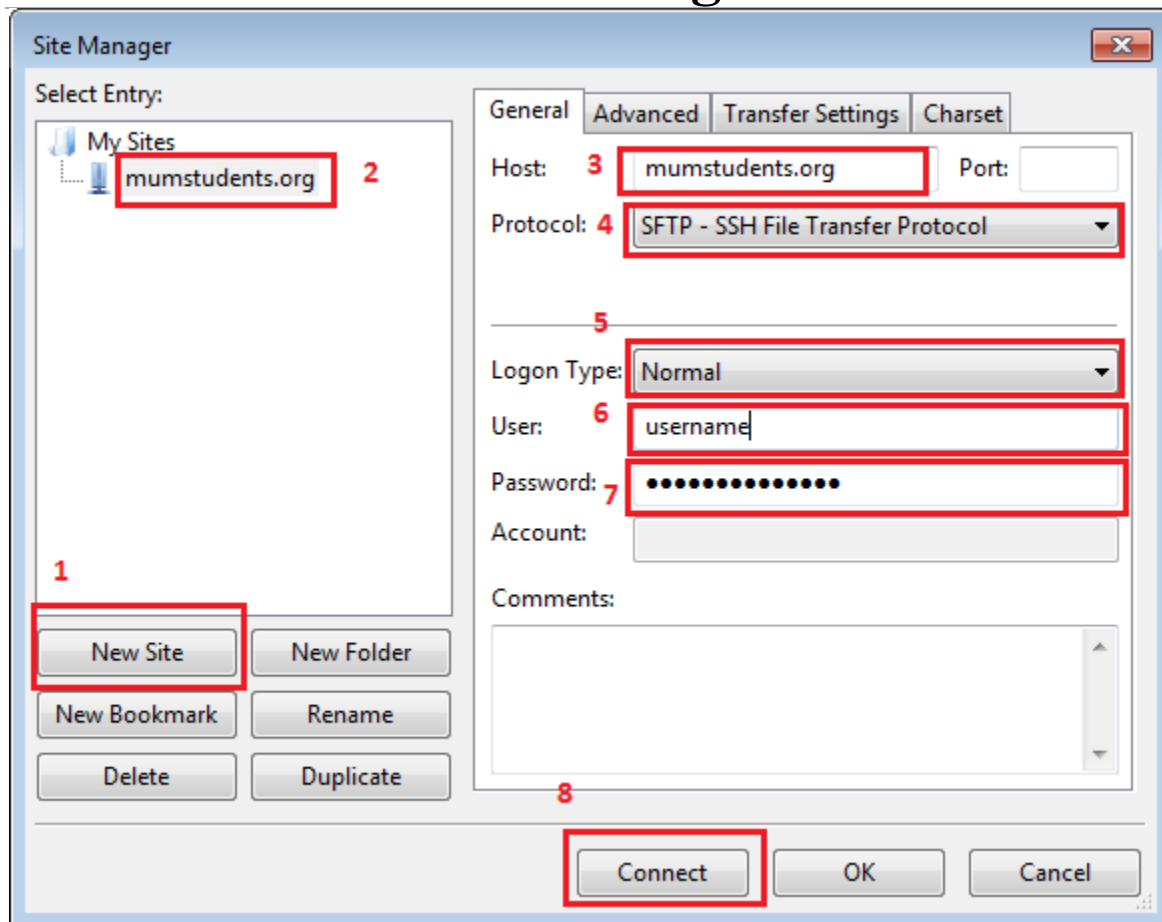
Download Filezilla Client

Start by downloading [filezilla](#) client

Once downloaded open filezilla, and click on the site manager button



Add the mumstudents.org site



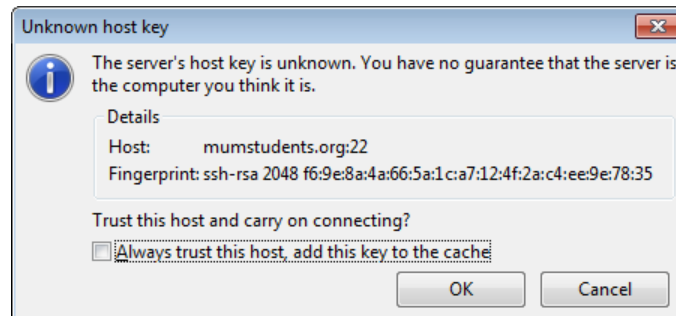
1. Click on the "New Site" button
2. name your site mumstudents.org
3. Enter mumstudents.org in the Host field
4. Change the protocol field to SFTP
5. Change the logon type to Normal
6. Set the user field to your mumstudents.org user name*
7. Set the password field to the matching password
8. Click on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

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

Unknown Host Key

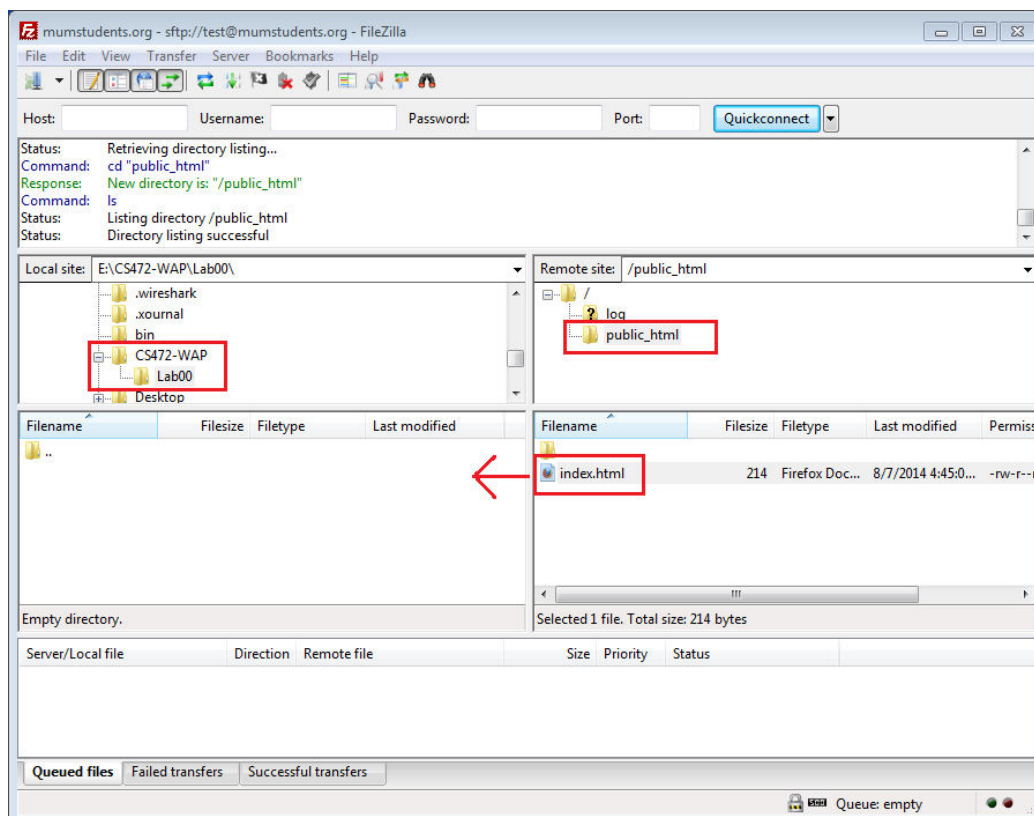
The first time you connect filezilla will complain about an unknown host key

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

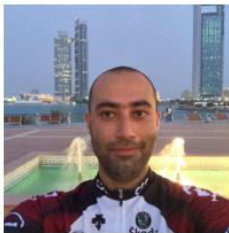


Update the page

Open your index.html file in your preferred IDE

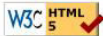
Your new homepage should have a couple of different items:

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



Asaad Saad

- [Lab0: This Homepage](#)
- [Lab1: About Me](#)
- [Homework 1: Grandma's Lemon Meringue Pie](#)
- [Homework 2: Movie Review](#)
- [Lab 3: My Music Page](#)
- [Homework 3: Movie Review PHP](#)
- [Homework 4: NerdLuv](#)
- [Homework 5: NerdLuv DB](#)
- [Homework 6: NerdLuv Session](#)
- [Final Project](#)



HTML Validation

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

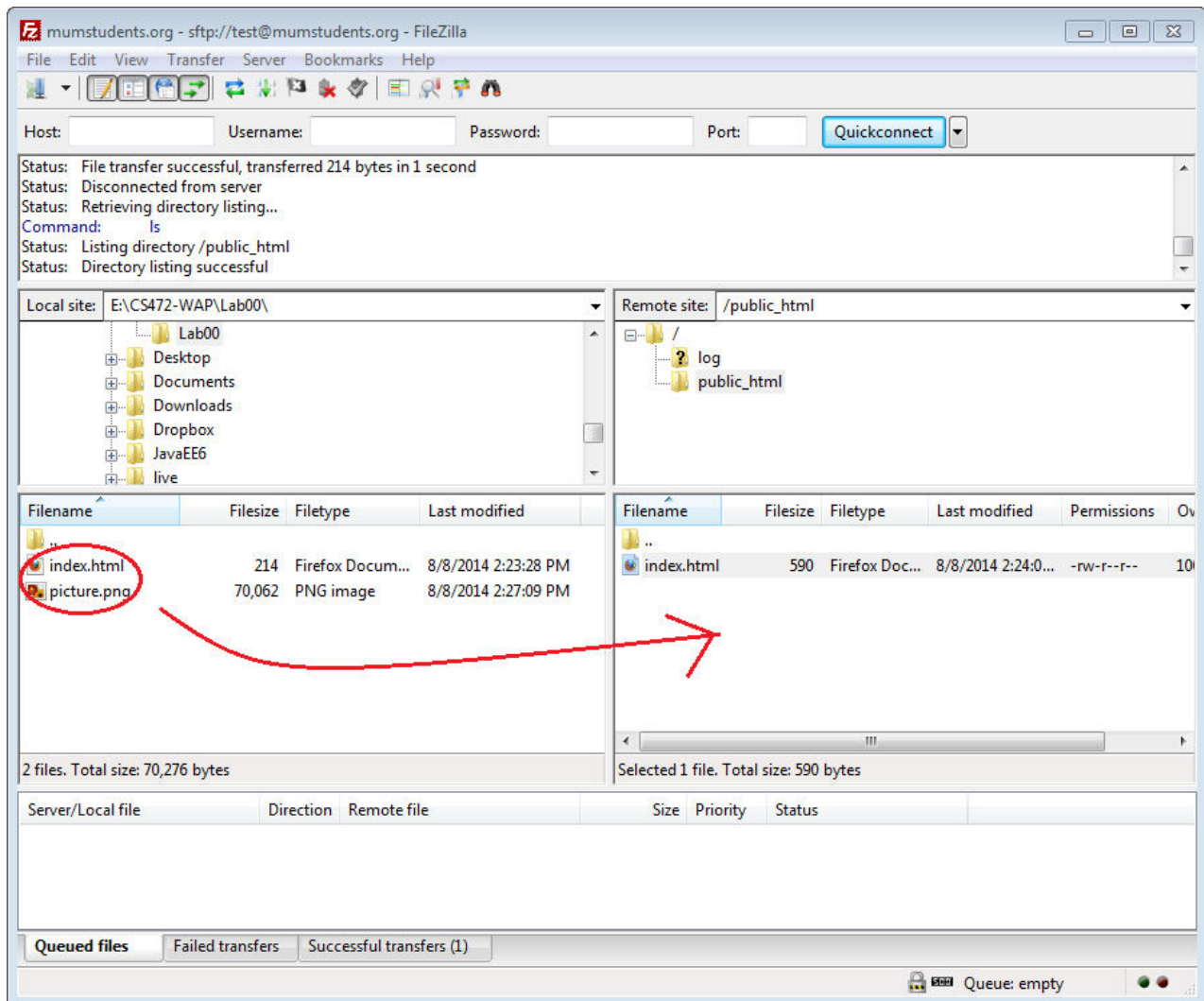
Doing so will allow you to validate that there are no errors in your HTML (we will talk about this more tomorrow)

```
<a href="http://validator.w3.org/check/referer">  
    
</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.

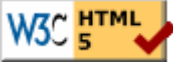
Don't forget to also upload your picture.



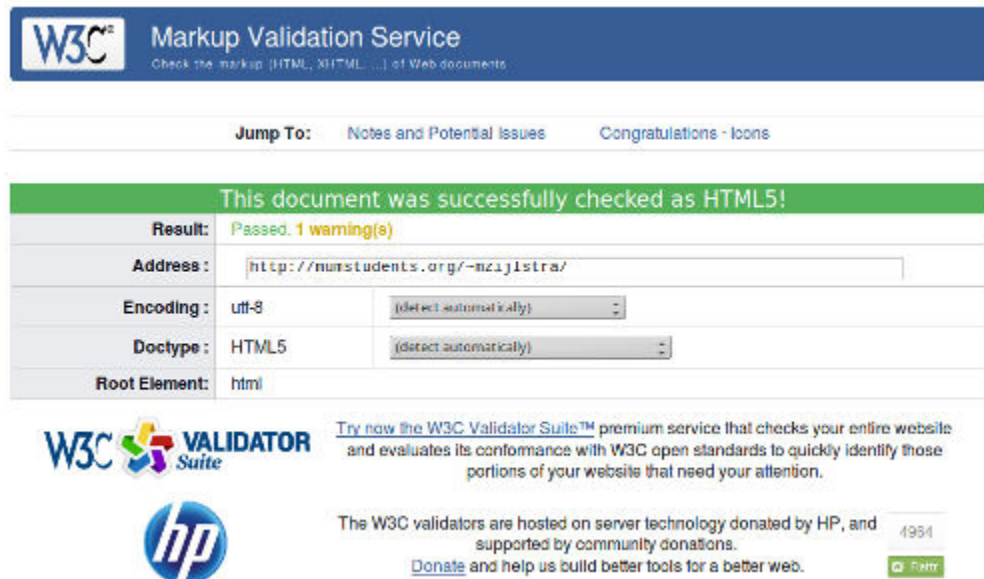
Validate HTML

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 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:




W3C Markup Validation Service
Check the markup (HTML, XHTML...) of Web documents

Jump To: [Notes and Potential Issues](#) [Congratulations - Icons](#)

This document was successfully checked as HTML5!


Result:	Passed, 1 warning(s)	
Address:	<input data-bbox="553 968 1208 999" type="text" value="http://mumstudents.org/~mzjistra/"/>	
Encoding:	utf-8	<input data-bbox="695 1010 928 1041" type="text" value="(detect automatically)"/>
Doctype:	HTML5	<input data-bbox="695 1052 976 1083" type="text" value="(detect automatically)"/>
Root Element:	html	

W3C  **VALIDATOR Suite**

Try now the [W3C Validator Suite™](#) premium service that checks your entire website and evaluates its conformance with W3C open standards to quickly identify those portions of your website that need your attention.

The W3C validators are hosted on server technology donated by HP, and supported by community donations.

[Donate](#) and help us build better tools for a better web.

4954 

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.