

COMM 2555 Interactive Digital Communication

Fall 2016 - Lab 1

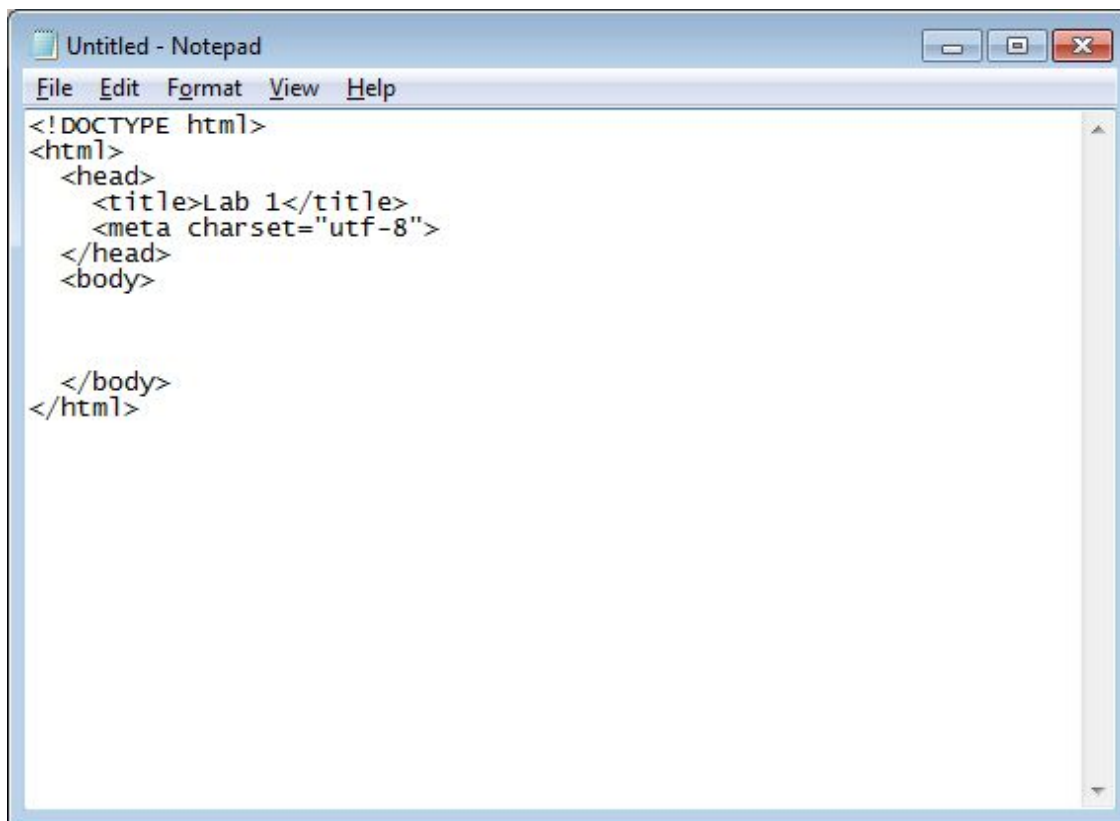
The goal of this lab is:

- Practice file management and FTP
- Try several editors for writing HTML, think about their pros and cons
- Upload your work to the Internet

Step 1. Create index.html

Create a new folder, call it anything you like (you won't be submitting the folder - only its contents)

Open Notepad (**not** Notepad++) and type in the following code:

A screenshot of a Notepad window titled "Untitled - Notepad". The window has a menu bar with "File", "Edit", "Format", "View", and "Help". The text area contains the following HTML code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Lab 1</title>
    <meta charset="utf-8">
  </head>
  <body>

  </body>
</html>
```

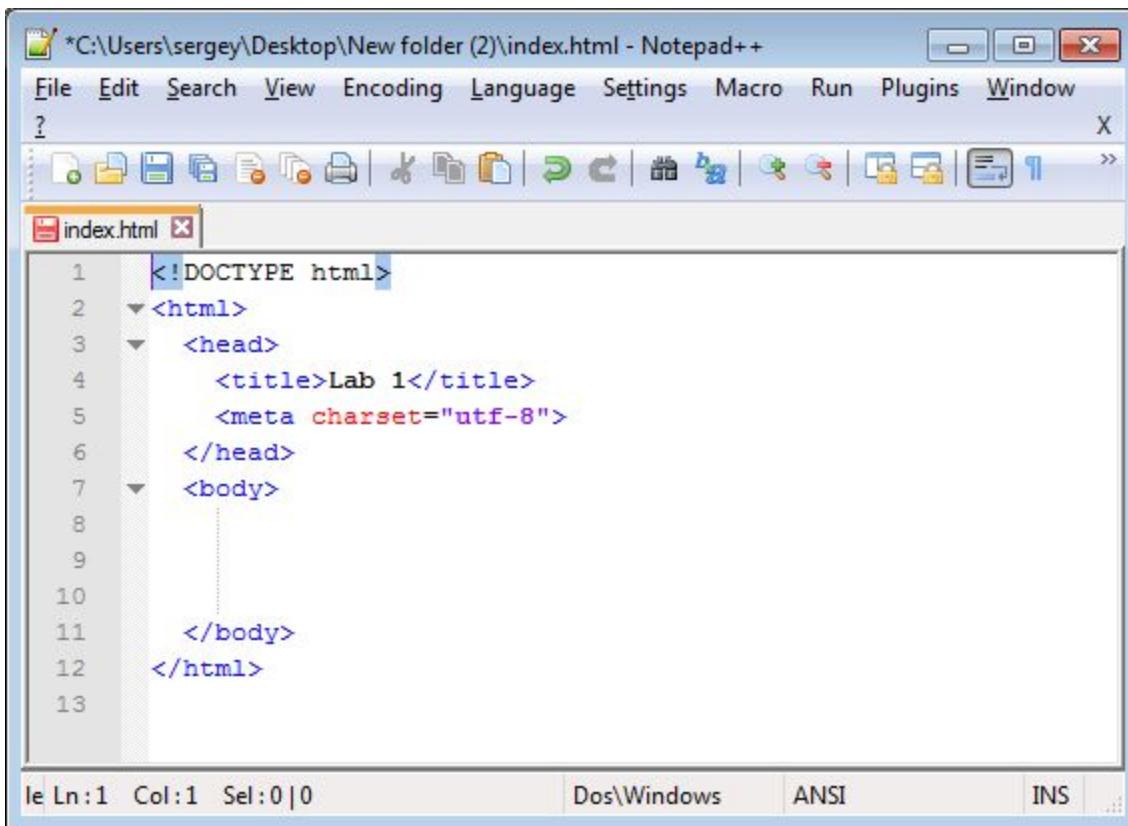
Save the file as **index.html**

(use lowercase for your filename)

Close the file.

Now open the file in Notepad++ (right-click and choose "edit with Notepad++")

This is what your code should look like in Notepad++

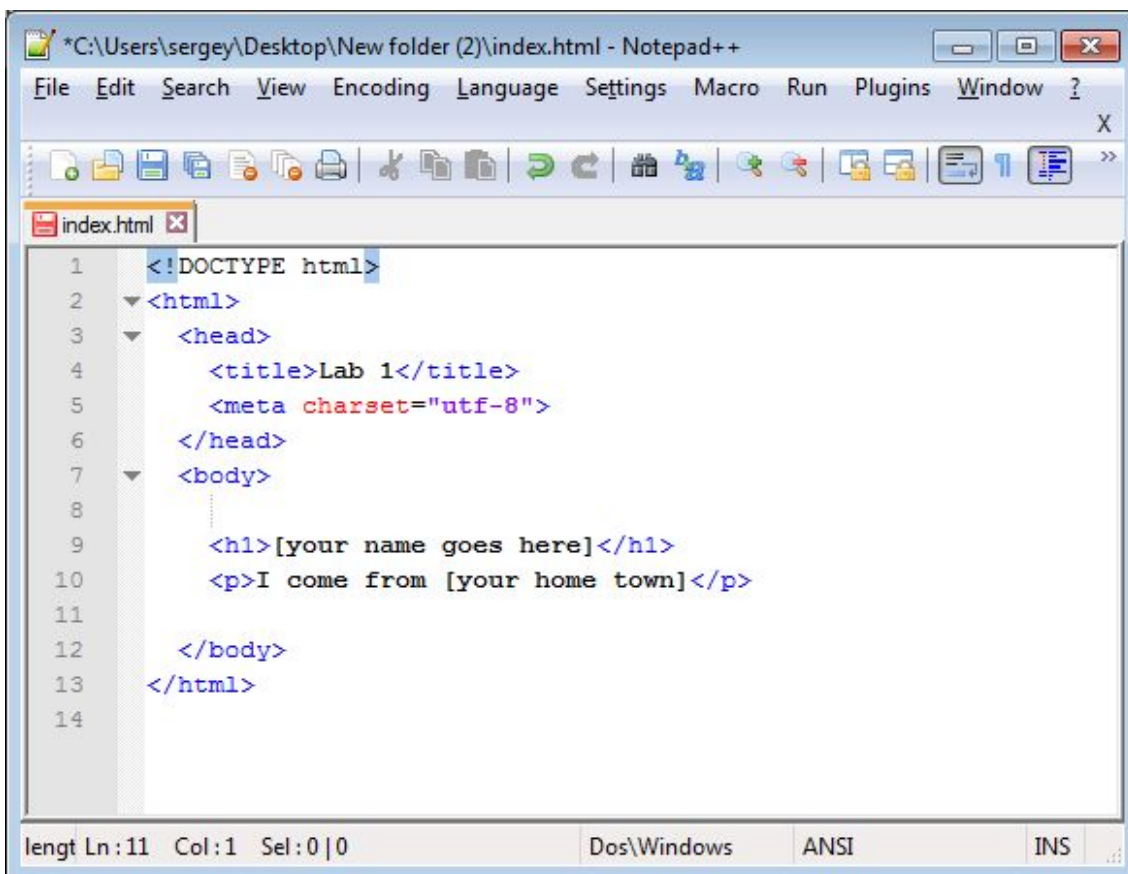


The screenshot shows a Notepad++ window with the file path `*C:\Users\sergey\Desktop\New folder (2)\index.html`. The menu bar includes File, Edit, Search, View, Encoding, Language, Settings, Macro, Run, Plugins, and Window. The toolbar contains various icons for file operations and editing. The main text area shows the following HTML code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Lab 1</title>
5   <meta charset="utf-8">
6 </head>
7 <body>
8
9
10
11 </body>
12 </html>
13
```

The status bar at the bottom indicates the cursor is at line 1, column 1, with a selection of 0 characters. The encoding is set to ANSI and the input mode is INS.

Now add some content between `<body>` and `</body>`:



The screenshot shows the same Notepad++ window, but now with content added to the `<body>` tag. The code is as follows:

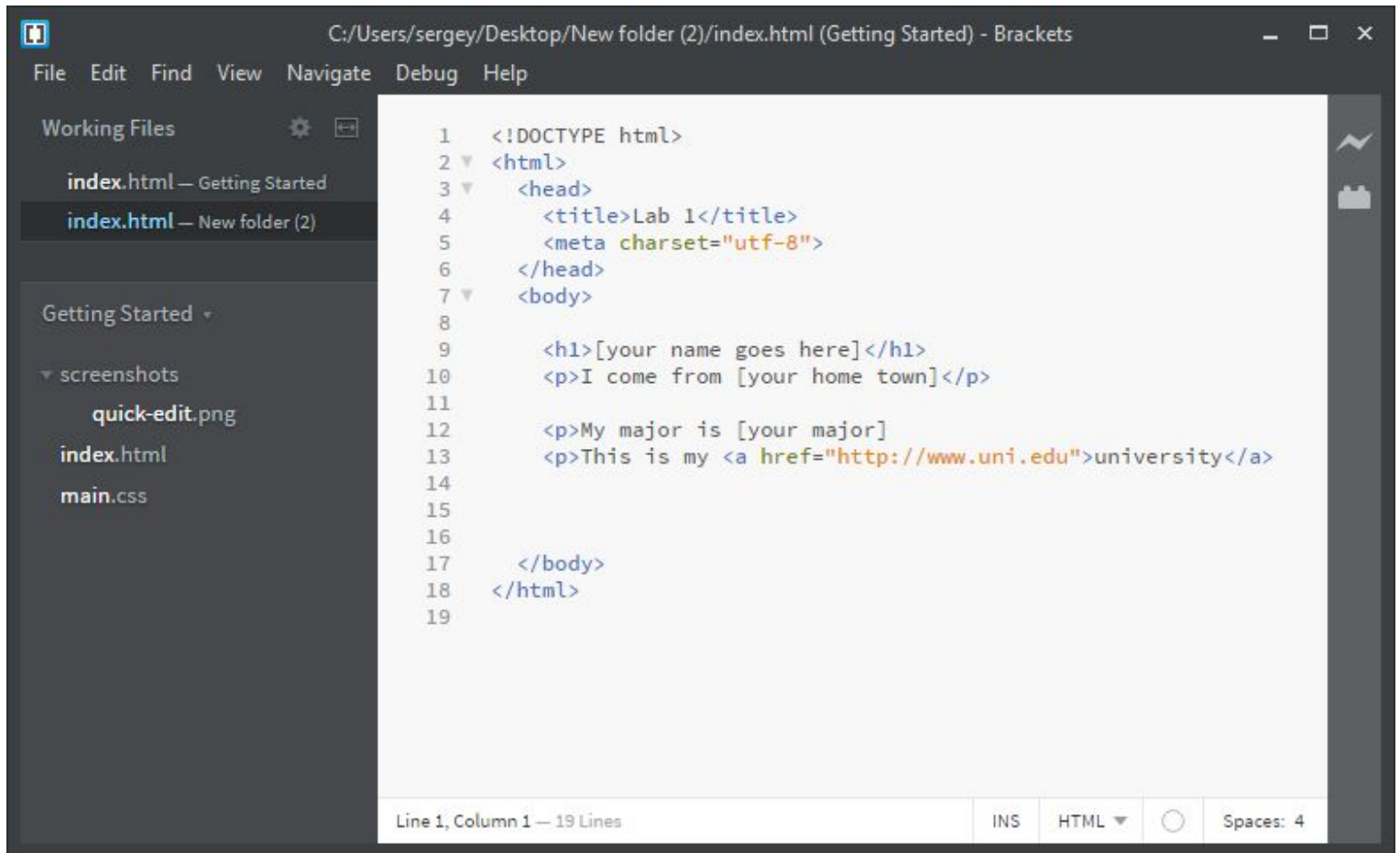
```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Lab 1</title>
5   <meta charset="utf-8">
6 </head>
7 <body>
8
9   <h1>[your name goes here]</h1>
10  <p>I come from [your home town]</p>
11
12 </body>
13 </html>
14
```

The status bar at the bottom indicates the cursor is at line 11, column 1, with a selection of 0 characters. The encoding is set to ANSI and the input mode is INS.

Save the file.

Close Notepad++.

Now open the same file with Brackets (right-click > open with Brackets).
Add another paragraph of content (see screenshot below):



```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Lab 1</title>
5   <meta charset="utf-8">
6 </head>
7 <body>
8
9   <h1>[your name goes here]</h1>
10  <p>I come from [your home town]</p>
11
12  <p>My major is [your major]
13  <p>This is my <a href="http://www.uni.edu">university</a>
14
15
16
17 </body>
18 </html>
19
```

Save the file.
Close Brackets.

At this point, you should have only one file in your current folder: index.html

Step 2. Create software.html

Create a new file, **software.html**, using any of the three editors you have tried.

Copy and paste the HTML template code from index.html (everything except the content).

Add the following content: write one short sentence about EACH editor: what you liked and what you disliked. Rank the editors in order of preference.

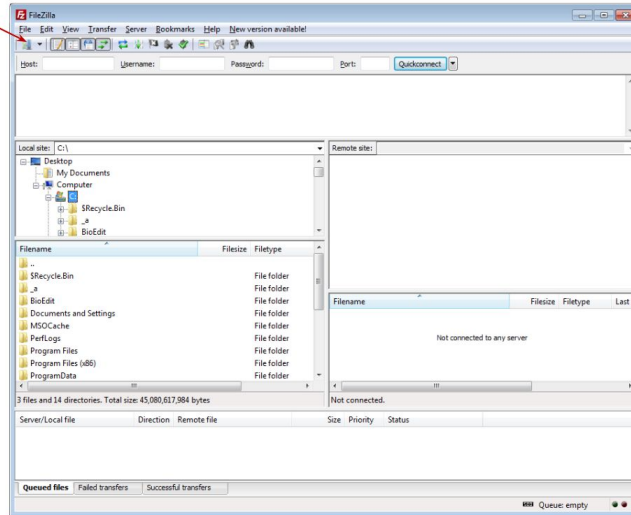
Save the file.
Close the editor.

Step 3. Upload your two files to the server

Step 3.1. If your FileZilla is configured, proceed to **step 3.2.**; otherwise, follow the steps outlined in the slides for today's class. (slides are available on the course website)

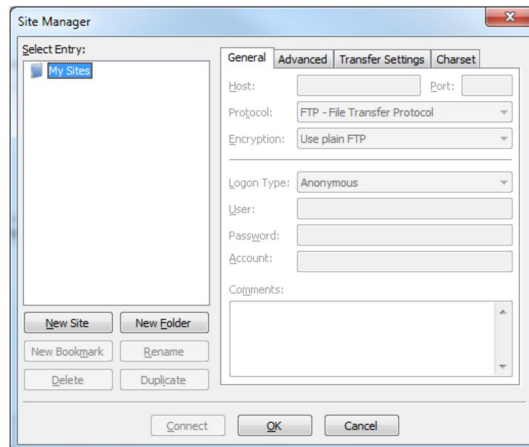
Configuring FileZilla

Click here to access Site Manager



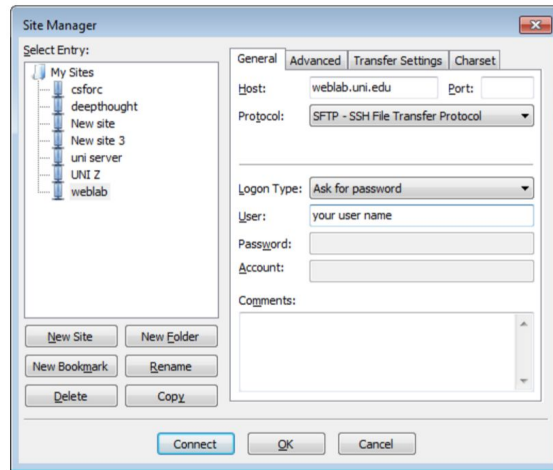
Configuring FileZilla

You need to fill out:



Host
Protocol
Logon Type
User
(your UNI username)

Configuring FileZilla



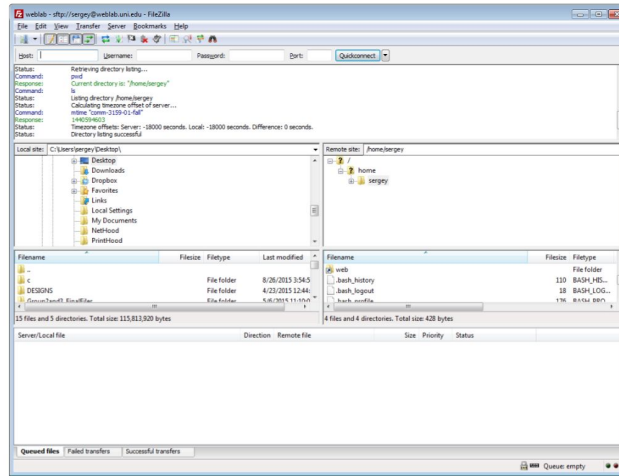
Now click **Connect**

Using FileZilla



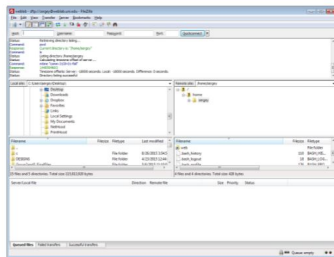
Type in your CatID password

Using FileZilla



And we're in!

Using FileZilla



- The left part of the screen is your **local computer**
- The right side of the screen is the **remote server**
- **Don't mix them up!** 😊
- To upload a file from your computer to the server, simply drag and drop the file icon to the server
- To download a file to your computer from the server, drag and drop the file from the server to your computer
- Make sure you are **in the right directories** on both, your computer and the server!

Using FileZilla



Just click OK

Using FileZilla

Home vs Web directory

- When you log into weblab.uni.edu you will be placed in your home directory (*for example, /home/johnsnow*).
- Files created in your home directory are private and only accessible by you (and your instructor).
- You will notice that your home directory contains a sub-directory called *web*. This is where you should place html files that you would like to be accessible from your web url (<http://weblab.uni.edu/johnsnow>).

Example: [/home/johnsnow/web/index.html](http://weblab.uni.edu/johnsnow/web/index.html) is publicly viewable at <http://weblab.uni.edu/johnsnow/index.html>

Now try and upload our simple web page + the image you used

Step 3.2.

Open FileZilla.

Connect to weblab.uni.edu

Step into your **web** folder

Move the two files you have created to the server (you may drag and drop the icons from the left half of the screen to the right half - that will upload them to the server.

Step 3.3.

Open a browser.

Navigate to [http://weblab.uni.edu/\[your-account-name\]/](http://weblab.uni.edu/[your-account-name]/)

(remember to fill in [your-account-name])

You should see your index.html content.

Now go to [http://weblab.uni.edu/\[your-account-name\]/software.html](http://weblab.uni.edu/[your-account-name]/software.html)

You should see your software.html content.

Step 4. Submit your lab

Submit your 2 files (index.html and software.html) to eLearning (course content > labs > lab 1)