

## Lab 2 CIST1300-001

In this lab we are going to design our first webpage using HTML 5. We will first review HTML syntax, next we will write few lines of code (Don't worry if you are new to programming) and then publish to Loki.

**Step1 :-** We learnt about Vim and Vi editor in Unix, they are powerful editors, however when it comes to ease of use, I believe it becomes difficult to use. If you know all the tricks to use Vim and Vi then you are all set, however there are other powerful editors which can really help you develop clean code. I love to use sublime editor, they are free and easy to customize. They can be called as IDE (Integration Development Environment).

Download Sublime IDE based on your OS using the link below-

<https://www.sublimetext.com/3>

**Step 2:-** After you download, click File and create new file. Save this file as *index.html*. Points to wonder why do we name it as index? I will explain towards the end of the class.

**Step 3 :-** Now we are going to write some code, Don't copy paste from below, just try to use this as a reference and try to customize your code accordingly.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Lab2 </title>
```

```
</head>
```

```
<body>
```

```
<h1>My Name</h1>
```

```
<p>Hi Welcome to CIST1300</p>
```

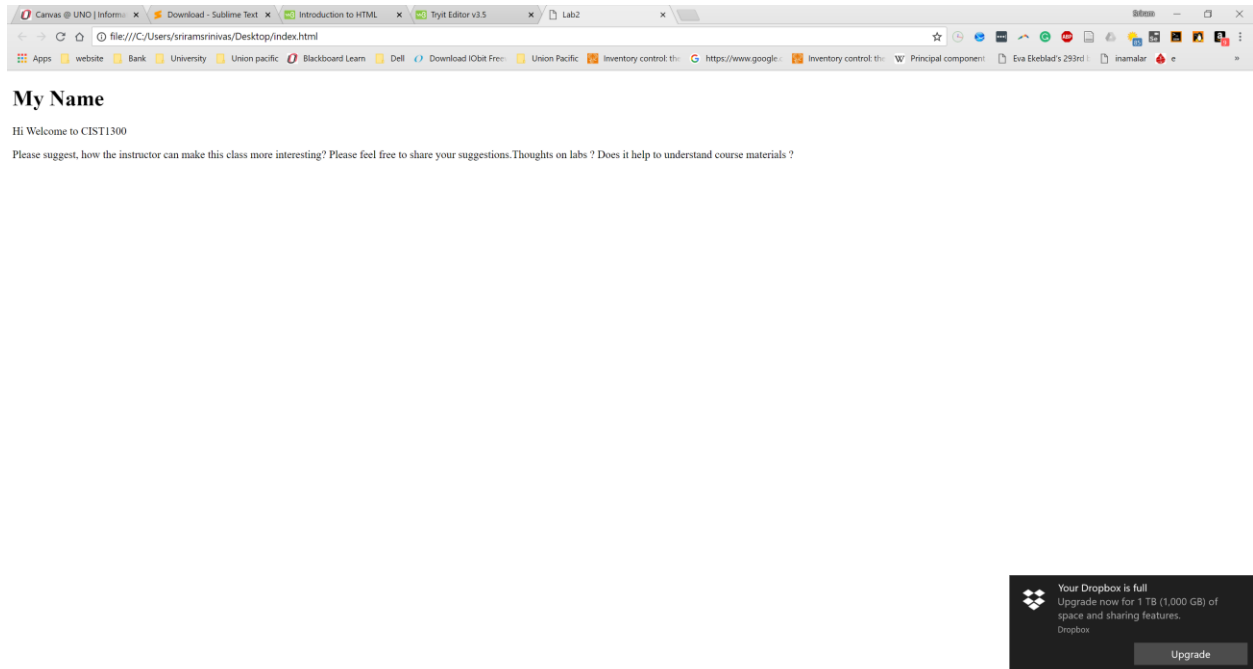
```
<p> Please suggest, how the instructor can make this class more interesting? Please feel free to share your suggestions. Thoughts on labs? Does it help to understand course materials? </p>
```

```
</body>
```

```
</html>
```

**Step 4:** After your save and go to your file location and open your first html page in web browser such as Chrome or Firefox.

**Step 5 :-** Now if you see this page in your browser, it means you are doing well so far. Next is to move it to Loki and push it to git Lab for me to review your code.



## Step 6

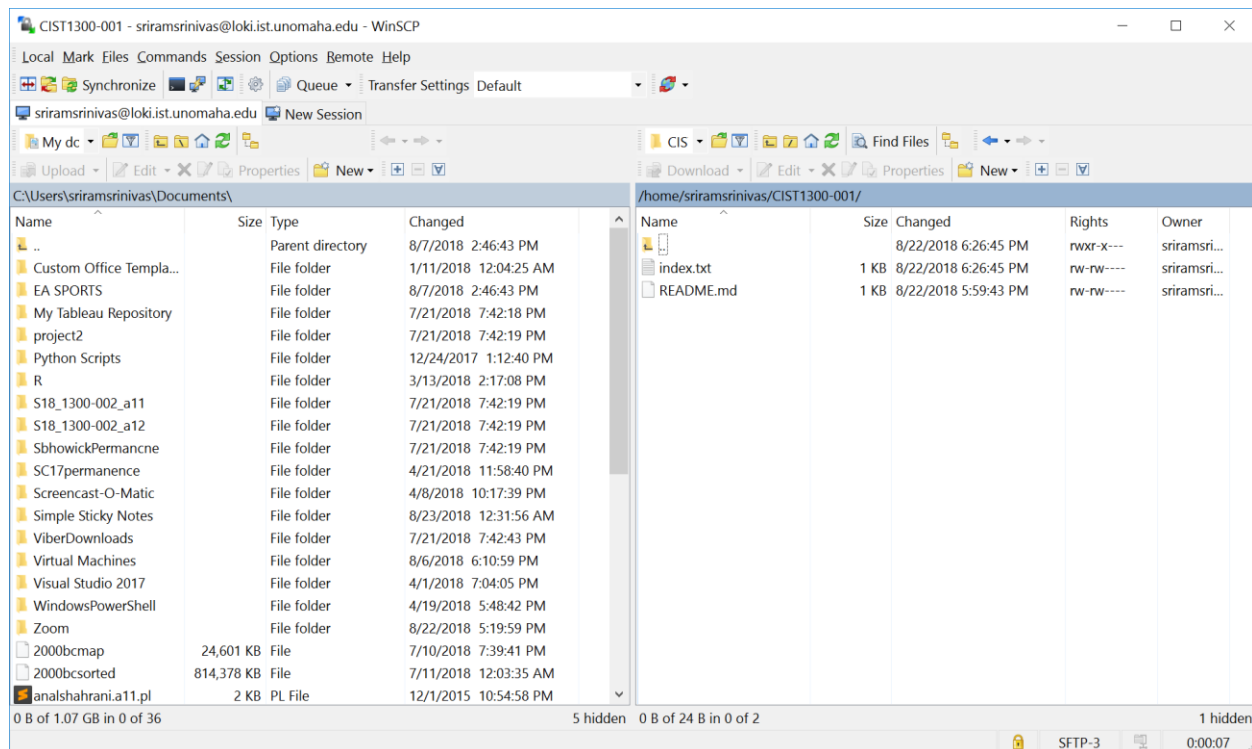
Launch your Putty or terminal and open loki.ist.unomaha.edu. Next we will create a folder inside CIST1330-001 which you cloned in previous lab.

**Step 7:-** Now inside CIST1300-001 type mkdir Lab2

**Step 8:-** We will push the code we wrote to Lab2, which can be done in multiple ways. Here's how I would do-

<https://winscp.net/eng/download.php> for windows, for Mac OS use <https://cyberduck.io/>

**Step 9:-** Once you download Winscp or Cyber duck try to login to loki.ist.unomaha.edu and access your CIST1300 -001 folder. [Credentials same as UNO canvas]



Step 10, Step 11, and Step12 will be discussed in class. We will be reviewing few Git commands before we push the code to the repository.