

CSCI 202, Spring 2017, Lab # 1

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Due date: Midnight, Monday, April 17.

Goals: Get familiar with the basics of HTML.

Zip your folder: Put all your files (including the image file) in a single folder and make a compressed (zip) archive of the folder.

- On Windows, right-click on the folder, select “Send to”, and then “Compressed (zipped) folder.”
- On a Mac, right-click the folder, select “Compress items”.
- On linux, enter “**zip foldername**” on the command line.
- On each system, you will then see a newly created file with the **.zip** extension. This is what you want to turn in to canvas.

Files: You will create five **.html** files:

index.html The title and **h1** header of this page will be **Main**.

This file will have an ordered list of links to the other four files.

page01.html The title and **h1** header of this page will be **Search Engines**.

This file will have an unordered list of links to three search engines, such as **google**. Search the web for search engines, and remember to put their complete URL in the link. (You can copy and paste links from your browser into your file.)

page02.html The title and **h1** header of this page will be **Image Scaling**.

Find a nice image, not too big. You can take one from the internet, provided you have rights to it, or use one of your own photos.

Create a definition list with the terms **Small**, **Medium**, and **Large**. The item under each term will be your image, inline, resized to half its original dimensions under small, original size under medium, and double its original dimensions under large.

The *same image* will be placed inline under each item, but it will be resized by the **width** and **height** attributes of the **img** tag.

Be sure to provide **alt** text for each image.

page03.html The title and **h1** header of this page will be **User Information**.

On this page create an input form asking for the user’s name, phone number, date of birth, and shoe size.

page04.html The title and **h1** header of this page will be **Schedule**.

On this page use a **table** to create a schedule of your classes this quarter. The headers of the table will be **Class**, **Hour**, **Days**, **Room**, and **Instructor**. One row of your table will contain the entries CSCI 202, 9:00am, MWF, CF227, and Matthews .

At the bottom of each of the four numbered pages you will also have a **next** link, which will take you to the next page in a cyclic order ($1 \rightarrow 2 \rightarrow 3 \rightarrow 4 \rightarrow 1 \rightarrow \text{etc.}$), and a **top** link, which takes you back to the index page.

All pages should pass the W3C validator with no errors.