

EECS 1012. LAB 02: Lab Environment and Introduction to HTML

A. IMPORTANT REMINDERS

- 1) You must attend your assigned lab session (we will be marking your submission in the lab).
- 2) You must arrive on time: anyone later than 15 minutes may not be admitted to the lab.
- 3) You must complete the pre-lab mini quiz posted on Moodle in the first 15 minutes of your lab time.
- 4) Each lab including the pre-lab mini quiz is about 2% of your overall grade.
- 5) TAs are in the lab to help you. They will also verify and mark your work at the end. Signal a TA for help if you stuck on any of the steps below. Yet, note that TAs would need to help other students too.

B. IMPORTANT PRE-LAB WORKS YOU NEED TO DO BEFORE GOING TO THE LAB

- 1) Find your assigned lab: the one you are officially enrolled in.
- 2) Download this lab files and read them carefully to the end.

C. GOALS/OUTCOMES FOR LAB


- 1) To get you familiar with an HTML/code editor, in this case Visual Studio Code (aka VSCode).
- 2) To write your own HTML document based on the lecture notes.
- 3) To get you familiar with submitting your lab results through Moodle.

D. TASKS

Part 1: Using the lab's computer

- 1) Start the lab machine. The lab is running a fully functional Apache Web Server.
- 2) Launch Firefox (this will automatically open the EECS webpage).

Part 2: Create an HTML document named `aboutme.html` in the WWW directory. See Section F for details of HTML content and an example.

- 1) Use the VSCode editor (it's under applications)
Hint: if you do not know how to find VS Code, you may want to click on Activities, and then click on the icon for Show Applications , then click on Development, and scroll down until you find it.
Another way to run VS code, is just to type `code` in a terminal.
- 2) In VSCode, open folder `home/www`; then make a new file and save it as `aboutme.html`
- 3) You can view it in Firefox at the URL: `localhost/aboutme.html`

Part 3: Validate your HTML code using the <https://validator.w3.org> (upload your .html file)

- If you have errors, fix them and retry the validation until your HTML document is error free.

Part 4. Verification and submission of your work. See the following section.

E. SUBMISSIONS

- 1) Manual verification by a TA

You will need to have one of the TAs of your lab to verify your work before submission. The TA will mark your name off a list; You are required to sign the list to show your attendance and that you have been verified.

- 2) Moodle submission

You will see an assignment submission link on Moodle. Create a folder named "Lab02" with all your lab materials inside. This folder should be compressed (or tar.gz) and the compressed file submitted. Please follow the instructions in the following video:

<https://www.youtube.com/watch?v=stEOh6ntV5o>

F. WEBPAGE CONTENT

- 1) Create a webpage named `aboutme.html` following the instructions on the right. Title (in the head section) of webpage should be "EECS1012 – Lab 02".
- 2) Your lab machine's IP address (header3 element)
- 3) Three courses you are taking (header3, followed by unnumbered list)
- 4) Your timetable (header3 element), followed by a `table`, 10 rows x 6 columns – (see below). Also, use `w3schools` to learn how to use element `table`
- 5) Links to two foods you like (header3 element), two images - one should be a local reference image (you'll need to save the image to the WWW directory), the other should be a URL source. Both images should be clickable and linked to wiki pages with more information about them.

Title of webpage: EECS1012 – Lab 02

About Abdel Zhang

Two to three sentences about yourself. For example, I (a fictional student) have an Egyptian mother and Chinese father, but grew in Canada. I enjoy great food everyday.

My IP address: 184.147.44.54



Courses I'm taking this semester:

- EECS1012: Net-centric Computing
- FR 1030: Intermediate French
- CDNS 1740: The Roots of Modern Canada

My weekly timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9am					
10am	FR 1030		FR 1030		FR 1030
11am					
noon					
1pm					
2pm	EECS1012				
3pm	EECS1012	CDNS 1740		CDNS 1740	
4pm		CDNS 1740		CDNS 1740	
5pm					

My Two Favorite Foods - with Links



H2 element – About Your Name

Paragraph element, two to three sentences about yourself

Use horizontal rulers to separate sections.

H3 element – your IP address

H3 element of courses you are taking, followed by *unordered list* with course code and name

H3 element for your weekly timetable, followed by table showing your schedule (9am-5pm is fine). There is no caption element for this table.
Do not worry that there are no borders for your table, we will discuss this in the lecture on CSS.

Two favorite foods, one image `src` attribute should be from an "URL source", the other a local source (this means you'll need to save the image in the WWW directory). Both images should be clickable links to Wikipedia pages of that food item. **Give the images same height attribute.**