

PIC 40A: Homework 1 (due 1/17 at 10pm)

This first homework is straightforward and will be the start of your final webpage you will build onto with each homework. Most of the points on this assignment will be for ensuring the assignment is validate and successfully submitted.

To get the highest possible grade, do the following when submitting your assignments:

- You must upload your files to **Gradescope** before the deadline.
- You must upload your files to the **PIC server** in the appropriate directory before the deadline.
- Both submissions must be **identical** (down to the character).
Never make changes to the PIC server submission after the deadline.
(We can see when a file was last modified.)
- You must tell us (me and the grader) your **PIC username**.
- You must **validate** your HTML using <https://validator.w3.org/>.

In this assignment you will make three files...

1. **README.txt**. This will only contain only your PIC username in the first line and optionally whatever you want us to read in the line(s) after it.

You don't need to upload this file to the PIC server.

This is so we can find at your live webpage from your Gradescope submission.

2. **index.html**.

This will contain the HTML for a simple homepage you will design mostly to your liking.

3. **login.html**.

This will contain the HTML for a login webpage. It should look like the picture below.

As mentioned above, you should submit these files to Gradescope before the deadline.

You should also submit these files to the PIC server. Save them in the directory

`/net/laguna/???...???/your_username/public_html/HW1`

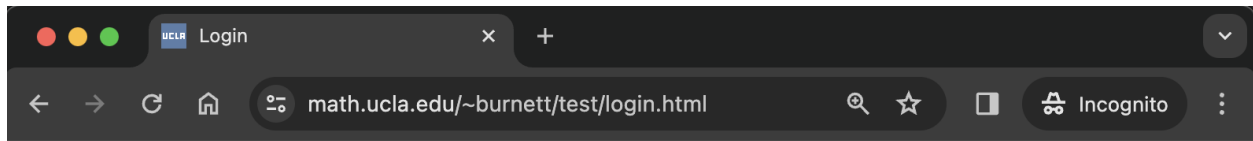
(In the folder HW1 within the folder public_html.) When you first create your live webpage you will have to create the folder public_html. We should all be able to view your live webpage at

www.pic.ucla.edu/~your_username/HW1
www.pic.ucla.edu/~your_username/HW1/login.html

Now, I am just left to tell you what I want your HTML to achieve. See the next page!

login.html

Make a webpage that looks just like:



Welcome! Ready to check out my webpage?

Enter a username.

So that you can make your own posts and purchases, select a username and password.

Username:	<input type="text"/>	<input type="button" value="Login"/>
Password:	<input type="password"/>	

© Sarah Burnett, 2024

1. The tab will be called “Login”.
The main heading will say “Welcome! Ready to check out my webpage?”.
2. There will be one section which will contain:
 - A heading saying “Enter a username.”
 - A paragraph saying “So that you can make your own posts and purchases, select a username and password.”.
 - A `<fieldset>` element with two `<input>` elements.
 - A button with `value` attribute set to “Login” and `onclick` attribute set to `“window.location.assign('index.html');”`.
Note that this is including some JavaScript in our HTML. People do this often, but it’s better practice to separate it. In the future assignments, we will put all our JavaScript in a `.js` file.
3. Have the footer area provide some (made up) copyright information. You **must** use `©`.

Reminder: Use `developer.mozilla.org` to take a look at any new HTML elements.

index.html

Make a short webpage about **one** of the following...

- your favorite band
- your favorite movie
- your favorite craft
- your favorite food or food ingredient
- your favorite celebrity
- or another thing you could obsess about for the next 10 weeks.

The first line of `index.html` should be `<!DOCTYPE html>`.

Make **appropriate** use of **all** of the following HTML tags:

- `<html>`, `<head>`, `<meta>`, `<title>`,
- `<body>`, `<header>`, `<main>`, `<footer>`,
- `<h1>`, `<h2>`, `<section>`, `<p>`,
- `` (or `` if appropriate), ``, and `` with the value of the `src` attribute set to a web address (so you do not need to download the image).

Have the footer area provide some (made up) copyright information. You **must** use `©`.

You could also try out ``, `<i>`, `
`, and `<hr>` (optional).

Grading

Here's how your work will be graded...

- 3pts, all or nothing - you told us your PIC username and uploaded your files to the PIC server before the deadline.
- 3pts, all or nothing - your files are identical to what you submitted on Gradescope.
- 4pts, all or nothing - your HTML validates. Note that Info is ok. But Warnings and Errors should be corrected.
- 5pts, (for `index.html`) up to 2-point deduction for each missing tag and each inappropriate use of a tag. The instructions are followed.
- 5pts, (for `login.html`) Your page looks like the picture (though the copyright can be different). Clicking the button changes the page to `index.html`.

Note: In future assignments, failure to address the first 3 bullet points will also result in **significant point deductions**, so please always address these issues.