ECS 162 Assignment 1
Due 10pm, Thu April 4.

In this assignment you'll build a simple homepage for yourself, containing an image and some text. The image can be anything (workplace appropriate); a portrait or selfie would help us get to know you.

- Start with a Hello World! page. To download it instead of opening it in the browser, try right-clicking the link.
- Add an image. To start with, lets use the image in this file noFace.jpg. Again, try right-clicking to download the file instead of opening it, and put the file into the same directory as hello.html.
- Add the image to the Web page using the HTML <img> tag. Please DO NOT use the height, width, style, or other attributes to set the size of the image. The modern way to handle these attributes is to use CSS. Do use the "src" attribute to tell the html file what image to use (this is content, not appearence). Also use the "alt" attribute to provide text to display in case the image is unavailable, or for Web browsers for people who can't see well (also content).
- Add a short comment or joke to the image using a "title" attribute for the image element (note: the Web page shows adding a title to the <abbr> tag and the <p> tag; here we want to add it to the <img> tag). Check it by opening hello.html in the browser, and moving the cursor over the image. Do you see your comment or joke pop up near the cursor? This is called a "tool tip".
- Add a paragraph containing just your name using the <p> (paragraph) tag. Put the paragraph after the image, and it will show up underneath on the Web page.
- Now create a file "hello.css", which will contain the CSS for

this Web page. To start, we'll just color the body of the Web page. Do this by adding a selector for the body, with a color attribute: `body { background-color: lightgray; }` Now connect hello.css to the html file by adding this line to the head of the html document: `<link rel="stylesheet" type="text/css" href="hello.css">` Re-opening the html, you should see that the background of the page is gray.

- We're going to box up the image and the paragraph beneath it in a <u><div> element</u>; this will make them stick together as a unit within a larger Web page. In the html, just enclose the image and paragraph between start and end tags for the div. In the .css, so that we can see the div, let's give it a different background color by adding: `div { background-color: ivory; }`
- Finally, check that your <u>HTML validates</u> and your <u>CSS validates</u> using these links (upload as files).

That's it! Now go ahead and add your "real" image and tool-tip. Put your own image into the HTML, adjust your tool-tip joke or comment,and then submit a zip file (Linux users may need to install the zip command; please don't give us gzip, it is not the same thing) on <u>Canvas</u>, containing:

- Your version of "hello.html"
- Your version of "hello.css"
- Your image.

Before submitting, try unzipping the file in a fresh directory, and make sure you can see the Web page correctly in Chrome. That is how we will grade it, and if, for instance, the .css file is missing, or in a subdirectory that is not accessible to the .html file, we will take points off. Of course this assignment is only one point...but in the future.