

**Assignment 2: Advanced HTML**  
**INFO/CS 1300**  
**Fall 2016**

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**Overall Goals:**

This is the final HTML-only assignment. The goal of this assignment is to become comfortable with the “div” and “span” elements and the “class” and “id” attributes, which are important in providing structure for your HTML pages and styling them using CSS.

**Tasks:**

- Produce a valid HTML5 file (named “index.html”) with at least:
  - A div with ID “banner” that contains:
    - A descriptive title (of your choice) using an H1 tag.
  - A navigation bar div with ID “nav\_bar” that contains:
    - An unordered list that contains at least two links, one with a “href” attribute and another with a “target” attribute.
  - A main content section div with an ID (of your choice) containing:
    - Two additional divs with descriptive IDs.
      - Some text content in a paragraph tag in each of the divs.
    - Two spans, each with an ID or class (of your choice). The ID or class can be the same or different for the two spans.
    - Two images.
  - IDs that are unique and IDs and classes that are descriptive.
- Use indentation and comments to produce readable code.
- Use FileZilla or a similar SFTP client to upload the files to the course server in a directory named *assignment02*.

**Deliverables:**

- One valid HTML5 file on a topic of your choosing including all required elements.
- The HTML5 file uploaded to the course server in a directory named *assignment02*.
- Image files placed in subdirectory named “images”.
- *Note:* Using git is not required (but highly recommended) for this assignment.

**Due Date:** Tuesday, September 13th at 5 p.m.

**General Assignment Policies:**

- You are free to go beyond assignment requirements, but make sure that your extra work does not interfere with those requirements. For example, adding an extra script that creates invalid HTML5 code will result in a lower grade.
- Late work will be penalized 10% per day, including holidays and weekends.

- Assume all assigned file and directory names should be used with the correct case. E.g., if the assigned file name is “index.html”, “Index.html” is not acceptable.
- **All** media files must be credited in an HTML comment adjacent to the img or other media tag *every* time they are used. The credit must include a specific URL for the media file.
  - Failure to do this will result in the following penalties:
    - 25% deduction the first time.
    - 50% deduction the second time.
    - 100% deduction the third time, with possible referral for violation of Cornell’s Code of Academic Integrity.
  - Note: this includes media generated by an API, e.g., an icon generated by the Facebook API.
  - Note: individual assignments may require additional credit for media files.
  - If you create a media file yourself, credit yourself by name, not by a general statement like, “I made this.”
- If any of the assignment files, directory names, or variable names include one or more spaces, there will be a 5% deduction.
- The presence of unneeded files in an assignment directory that make it difficult to grade your work may result in a 5% penalty.
- You are free to find and adapt code from sources that *allow you to use the code*, but you must provide credit for the code, including a specific URL or citation for the source.
  - You may not use large blocks of unmodified code and receive full credit for the assignment. If you have any doubt about your use of borrowed code, you should consult with a TA or me.