

# Homework 5

## Organization of the html page

1. Create a folder hw5.Fall12  
Download the hw5.Fall12.html file in that folder
2. Create a subfolder aux under hw5.Fall12  
Download the other html files in that folder
3. Create a subfolder css under hw5.Fall12  
Download the css file for this assignment in this subfolder
4. Create a subfolder js under hw5.Fall12  
Download the jQuery library and save it as jquery.js in this subfolder. You will also create a javascript file hw5.Fall12.js in this subfolder and write your implementation for realizing the assignment

Now open the hw5.Fall12.html file in your browser. There are two components that constructs the html page:

- hw5.Fall12.html: contains the contents that you view on the page
- hw5.Fall12.css: contains the styling elements that are used in the hw5.Fall12.html

The CSS style is used to organize the contents of the html page in four groups: header (at the top), footer (in the bottom), leftnavigation (in the left) and content (in the middle).

## Specification of html list elements

In the html page, the list elements are written based on the following specifications.

1. Top-level list has the id `dmenu`
2. Every top-level list item name must start with "\_\_\_"
3. The top-level list items contains second-level list, which is an un-ordered list with class value `menuitems`
4. For each second-level list item there is file `<filename>.html` in aux subfolder such that the text element associated with the list item is identical to the filename. For instance, for the second level list item FindExisting, there is a FindExisting.html.

Review the given hw5.Fall12.html file to better understand the above specification.

## Your Assignment

Assume that x.html is the html file, which includes your hw5.Fall12.js javascript file and contains a two-level list element as per the above specification. You are required to write javascript functions in the `hw5.Fall12.js` such that the following dynamics are realized in x.html (for your assignment, we have provided one such x.html in the form of hw5.Fall12.html):

1. **Initialize:** When the x.html is loaded, a pop-up window stating "Hello! I am <yournetid>" should show up, and only the top-level list items should be visible.
2. **Expand:** Clicking on a top-level list item makes the second level list items visible. Nothing else in view of the x.html should change.
3. **Collapse:** Clicking on a already expanded top-level list item makes its second level list items invisible. Nothing else in the view of the x.html should change.

4. **Explore:** Clicking on a second level list item will open the corresponding html page in the section identified by "id=content" in the x.html page.

**DO NOT UPDATE THE GIVEN HTML AND CSS FILES.**