

WEB AND DEVICE DEVELOPMENT
MIS 310

In Class #1

Build a one page website with a supporting style sheet

The goal of this in class assignment is to practice on your own - several of the concepts we have been discussing. When complete you will copy your folder(s) to the MISCAPSTONE server (more details later).

Part A: Build a new web site to practice styles.

1. Start Visual Studio
 - a. File – New Project
 - b. Under Visual C#
 - c. Select Web Application
 - d. Browse, change location to your desktop
 - e. Change Name yourInitialInClassOne as in abcInClassOne
 - f. Select Empty Web Site in the middle New ASP.Net Panel
 - g. In your right panel item (Solution Explorer), right click on the bolded name
 - h. Select Add New Item
 - i. Select HTML Page, Rename the page to be default
 - j. Shrink Visual Studio and insure a folder and subfolders with default.html in it has been built
2. Right click and add the 4 typical folders,
 - a. Docs, styles, scripts, images
3. **Click on Default.html and make the following updates :**
4. In the **head** section:
 - a. Modify the title tag (make it your name and In Class #1)
 - b. Add a meta tag for keywords, (look at the diagram that follows for the content of the page and incorporate at least 3 keywords)
 - c. Add a meta tag for the description
5. The body of the document should display the following items *when complete* (see next page too), your finished document will not have the borders.

Your Name - Major



Current Courses for Spring 2019

- **Abc**
- **Def**
- **geh**

Visit this web page for information on my major

Email me for more information

- Looking at the previous diagram you will see three major segments for this page, create the proper segment tags to support the above (select from: *header*, *nav*, *section*, *footer*, *aside*, *article*), See book page 101. You should add three pairs of segment tags (think what we did in class on Tuesday)
 - Recommend you build the 3 segments tags needed to build the page without any description in them as in `<header></header>`
- In the top (header) segment, place a h1 tag, this should contain your name and your major, save your work, and bring it up in Chrome to insure all looks good at this point. It will still be left justified and not in color at this point.
- In the main (section) segment of your page, add `<p> </p>` tags.
- Download an image from the web (right click and then save) to your images folder, you might need to hit refresh. Between the two paragraph tags, add an image. (Page 113)
- Add an h3 tag with the description as shown in the diagram on instruction page 1.
- Add your spring courses (titles of them). See page 111 using an unordered list
- Add a hyperlink to take the user either the MIS or CIT home pages
- Add an mailto: link in the footer segment with your email address and some text to tell the user to click that link
- Save your work
- Check your work in a browser you should have all your content, but no styles at this point.
- Create a new Cascading Style Sheet.
Right click on your styles folder and add a new item, then select StyleSheet, name it:
inclassStyle.css
- In your style sheet, build a style to modify the default properties for the h1 style - to be centered and to have a color). hint: page 129.
- Save your changes, then slide the style sheet to your default.html page into the design pane, save your work and bring up your web page in Chrome to see if your page now displays your h1 in color and in the center.

19. Back in your style sheet add the center command for all your h3 and p tags.
20. In your style sheet 'extend' the footer section style to be:
 - a. centered
 - b. 80% of the normal font size
21. Save your work and then bring your work up in a browser and verify that it meets the requirements?
22. Finally, close VS, and move the entire web site folder to the miscapstone server
 - a. From the browser (IE will generally work best here), type
 - i. [\\miscapstone](#)
 - ii. Click on the MIS310 folder
 - iii. Find your personal folder
 - iv. Slide your folder(s) from the desktop into your folder on the misCapstone server.
23. Smile and get out of here!