CSCI4131 – INTERNET PROGRAMMING - FALL 2015
Assignment 1: Basics with HTML and CSS
This assignment must be done individually.

HANDOUT DATE 9/10/2015 DUE DATE: 09/21/2015

Objective: The purpose of this assignment is to get you exposed to simple HTML tags and CSS (Cascaded Style Sheets).

In this assignment you will be writing **two HTML files** and **one CSS style file**. Each HTML document must contain the title tag and charset encoding using utf-8 by specifying a meta tag.

PART I: HTML CALENDAR

Design a simple HTML page (mycalendar.html) for your weekly schedule. The following figure illustrates an example of the required calendar.

My Class Schedule

Calendar   Profile Form

	Monday	Tuesday	Wednesday	Thursday	Friday
12:15 - 12:30	MATH5335		MATH5335		
12:30 - 13:00					
13:00 - 13:15		CSCI5980		CSCI5980	
13:15 - 17:00					
17:00 - 17:15	DNCE1327	DNCE1301	DNCE1327	DNCE1301	
17:15 - 18:15					
18:15 - 18:30		CSCI4131		STAT3021	

Requirements:

1. Use <h1> tag for the header "My Schedule" and style it using the proper CSS properties to make it colored.
2. Use the <table> tag to implement the calendar, and use a background color for the table cells e.g. gold.
3. Time slots should be italic e.g. 8:00 – 9:15 ... and should be in a white font color.
4. Weekdays should specified as table headers and they should be in bigger font size than the rest of the text in the table, and be a different colored font than the other text in the table.
5. Add a link to your class which opens the class homepage in a new window/tab, e.g., CSCI4131 in the above figure opens the homepage for CSCI4131 in a new window / tab.

PART II: A SIMPLE FORM

Design a simple form page (myform.html) for input a user's profile. The following figure demonstrates the example.

- **Requirements:**
  1. Display an image (provided in the resource attachment) at the top.
  2. Text input box for getting the first and last name.
  3. Input box for getting email address (using HTML5 tag for email)
  4. Input box for getting phone numbers in the format of (xxx-xxx-xxxx), (using HTML5 tag type tel for checking the pattern for telephone number)
  5. Dropdown selector to choose the gender : male or female
  6. Input box for getting the birthday (using HTML5 tag date)
  7. Submit button.
  8. The form and the image should be centered in the page.

PART III: NAVIGATION BAR

Each of the two html pages should contain a simple navigation bar (using nav tag) to go to calendar (mycalendar.html) and the profile form (myform.html), as shown below:

- **Requirements:**
  1. User should be able to switch the pages using the bar
  2. The navigation bar should be positioned at the center of the page.

PART IV: GRADING RUBRIC

Student must submit all the files in one zip file or tar.gz file. The package should include: two html pages and a css style sheet. Please **include** your **name** and **student ID** in each code file you submit.

1. The created web page passes w3 check (10%) using http://validator.w3.org
   a. There should not be any errors. Warnings will be acceptable. (5%)
   b. Proper coding styles with indentations. (5%)
2. Part I – 30% (Each requirement equals 5%)
   a. One CSS style file for all the requirements listed below.
   b. Use <h1> tag for the header "My Schedule" and style it using the proper CSS properties to make it colored.
   c. Use the <table> tag to implement the calendar, and use a background color for the table cells e.g. gold.
   d. Time slots should be italic e.g. 8:00 – 9:15 … and should be in a white font color.
   e. Weekdays should be specified as table headers using thead and th tags. The header text should be in bigger font size than the rest of the text in the table, and be a different colored font than the other text in the table.
   f. Add a link to your class which opens the class homepage in a new window/tab, e.g., CSCI4131 in the above figure opens the homepage for 4131 in a new window / tab.
3. Part II -- 48% (Each requirement equals 6%) (corrected on 9/17/2015)
   a. Display an image (provided in the resource attachment) at the top.
   b. Text input box for the first and last name.
   c. Input box for email address
   d. Input box for phone numbers in the format of (xxx-xxx-xxxx).
   e. Dropdown selector to choose the gender
   f. Input box for the birthday
   g. Submit button.
   h. The form and the image should be centered in the page.
4. Part III-12% (Each requirement equals 6%) (corrected on 9/17/2015)
   a. User should be able to switch the pages using the bar
   b. The navigation bar should be positioned at the center of the page.