CMPS 356 Enterprise Application Development Spring 2017

Lab 1 – HTML Basic Tags, Tables & Forms

Objective

Familiarize yourself with how to write,

- 1. Simple HTML page with basic tags[<header>, <title>, <body>, <h1> to <h6> , ,
 , and <!-- --> and so on.]
- 2. **HTML Tables**: The HTML tables allow web authors to arrange data like text, images, links, other tables, etc. into rows and columns of cells.
- 3. **HTML Forms**: The HTML Forms are required when you want to collect some data from the site visitor. For example during user registration you would like to collect information such as name, email address, credit card, etc.

Overview

This lab has three parts.

- In Part A, you will be required to write a simple HTML page which demonstrates the basic HTML tags.
- In Part B, you will design a second page that has an HTML table.
- And, in **PART C**, you will design a third page that has an **HTML form**.
- After you complete your work you will push it to Git Hub under the folder named "LAB 1".

Preparation

- Create a folder on your desktop and name it "CMPS 356 LAB-<YOUR NAME><ID>"
- 2. Create another folder and name it LAB 1 HTML
- 3. Now initialize the folder as a git repository by using
 - a. "Git init" command
- 4. From now on you will be using this folder to save all your files in all of the following labs. So make sure the structure of the folder is the same. Each week you will be required to create a new folder and push it to the git repository provided by the instructors.

Part A **Basic HTML Tags**

- Inside the LAB 1 folder create a three files and name them as follow.
 - a. Index.html
 - b. timetable.html
 - c. registeration.html
- 2. Open the LAB 1 folder using Webstorm editor.
- 3. Now open the index.html file and add the necessary code required to achieve the webpage shown below in figure 1.

NOTE: At the bottom of the page the three underlined text are links that will take you to the following pages.

- a. Check Registration Form => Should open the registeration.html file
- b. Check Time table for semester should open the timetable.html
- c. Visit Qatar University should open the QU website http://www.qu.edu.qa

Qatar University Fiction Website

Facts and Figures



Fig. 1 QU Campus

Since its inception in 1973, Oatar University has become the country's national and major institution of higher education. Did you know that OU delivers 4 highly-popular high school initiatives -- Life is Engineering, Gasna, Computing Contest, and Al Bairaq?

Other Interesting Facts

- 1. For the first time, Qatar University (QU) has been featured in the Times Higher Education World University Rankings in the 601-800 group.
- 2. QU has also scored the highest for International Outlook among all the other universities this year.

 3. This year, the Ranking had 70 countries in it out of which 29 were first timers. This is the first time that countries like Qatar, Indonesia, Malaysia, Ghana, Nigeria, Bangladesh, Latvia, Oman and Ukraine have been featured in it.
- 4. The countries were ranked partly based on the publication and citation data from the world's largest abstract and citation database of peer reviewed literature called the Elsevier's Scopus.

 5. The Editor of the Rankings, Phil Baty, has commented as, "Qatar is one of several countries to have made its debut in this year's rankings. The achievement is in part due to expanding the ranking to include 801 universities and 70 countries."
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 A mong the Middle Eastern countries, Iran leads with 8 universities in the top 800. Egypt and Saudi Arabia with 3 universities, Jordan and UAE with 2 universities and Qatar, Lebanon,
- Morocco and Oman with 1 university each in the top 800 list.
 7. In the African region, South Africa leads with 6 universities in the top 800.
- · Check Registration Form
- · Check Timetable for the semester
- · Visit Qatar University Main Page

Figure 1: Simple Webpage

<u>Part B</u> <u>HTML Table</u>

- 1. Open the timetable.html file.
- 2. Design a page that has a single table that looks like the table 1 shown below.

Note: Make sure to use the proper border, colspan, rowspan, header on your table design.

Table 1 : HTML table

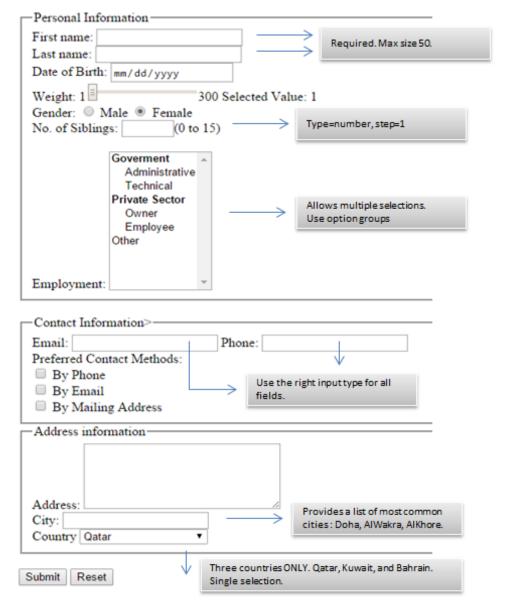
QU 2017 Schedule

Spring 2017 Time Table					
Hours	Mon	Tue	Wed	Thu	Fri
	Programming	Math	English	Database	French
	Programming	Math	English	Database	French
	Lunch				
	Programming	Math	English	Database	Project
	Programming	Math	English	Database	

Part C HTML Forms

- 1. Open the **registration.html** file that you have created earlier.
- 2. Design a form that looks like the following form shown in Figure 2.

Patient Contact Information



Deliverables

After you complete all the three parts. Please, push your work to your Github Repository under LAB 1-HTML-<YOUR NAME>.