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> , <p >,
 , 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

1. 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

1. 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**
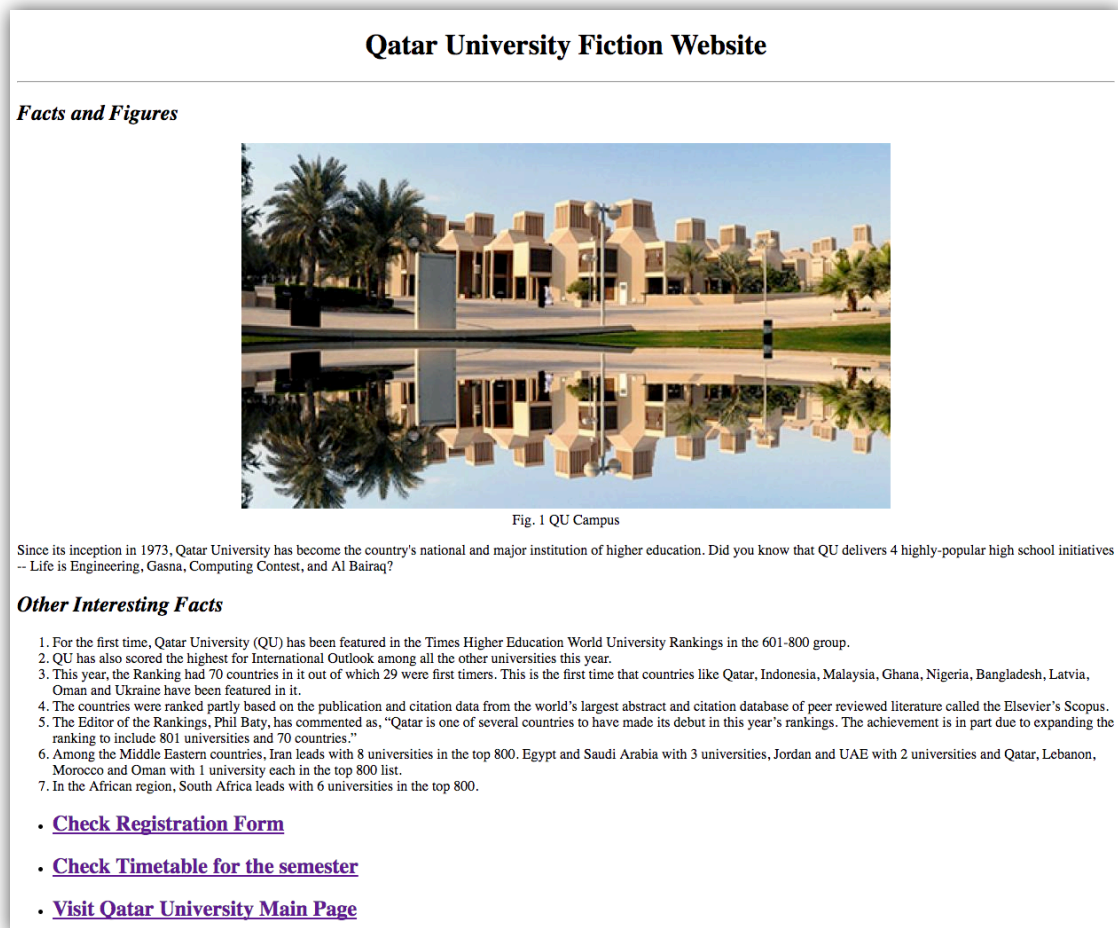   c. **Visit Qatar University** should open the QU website http://www.qu.edu.qa

Figure 1 : Simple Webpage

Part B
HTML Table

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

Personal Information

First name: ⟶ Required. Max size 50.
Last name: ⟶

Date of Birth: mm/dd/yyyy

Weight: 1 ▤ 300 Selected Value: 1
Gender: ○ Male ◉ Female
No. of Siblings: (0 to 15) ⟶ Type=number, step=1

Goverment
    Administrative
    Technical
Private Sector
    Owner
    Employee
Other

⟶ Allows multiple selections.
Use option groups

Employment:

Contact Information>

Email: Phone:
Preferred Contact Methods:
☐ By Phone
☐ By Email ⟶ Use the right input type for all fields.
☐ By Mailing Address

Address information

Address:
City: ⟶ Provides a list of most common cities: Doha, AlWakra, AlKhore.
Country Qatar ▼

Submit Reset ↓ Three countries ONLY. Qatar, Kuwait, and Bahrain. Single selection.

Deliverables

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