CMPS 356 Enterprise Application Development - Spring 2017
Lab 1 – HTML Basic Tags, Tables & Forms

Objective

Learn and practice how to write:

1. **Simple HTML page** using basic tags [<header>, <title>, <body>, <h1> to <h6>, <p >, <br>, and <!-- --> and so on].
2. **HTML Tables**: HTML tables allow web authors to arrange data such as text, images, links, etc. into rows and columns of cells.
3. **HTML Forms**: HTML Forms are used to collect some data from the site visitor. For example, during user registration a form can used to collect user details such as name, email address, phone number 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**.
- **In PART C**, you will design a third page that has an **HTML form**.

After you complete your work you will push it to your **GitHub** cmps356s17 repository under the folder named "Lab1-HTML".

Preparation

1. If not done already, visit https://github.com/cmps356s17 and clone your private repository (named YourFirsname-QuUsername).
2. Save the files produced in this Lab under the folder named **Lab1-HTML**
3. At the end of the Lab push your work to your Github Repository.

Part A - Basic HTML Tags

1. Inside the **Lab1-HTML** folder create a three files and name them as follow:
   a. Index.html
   b. timetable.html
   c. registeration.html
2. Open the **Lab1-HTML folder** using **Webstorm**.
3. Now open the **index.html** file and add the necessary html content required to produce the webpage shown below in figure 1.

Note: At the bottom of the page the three underlined text are links that reference the following pages:
   a. **Check Registration Form** hyperlink should open the **registeration.html** file
   b. **Check Time table for semester** hyperlink should open the **timetable.html**
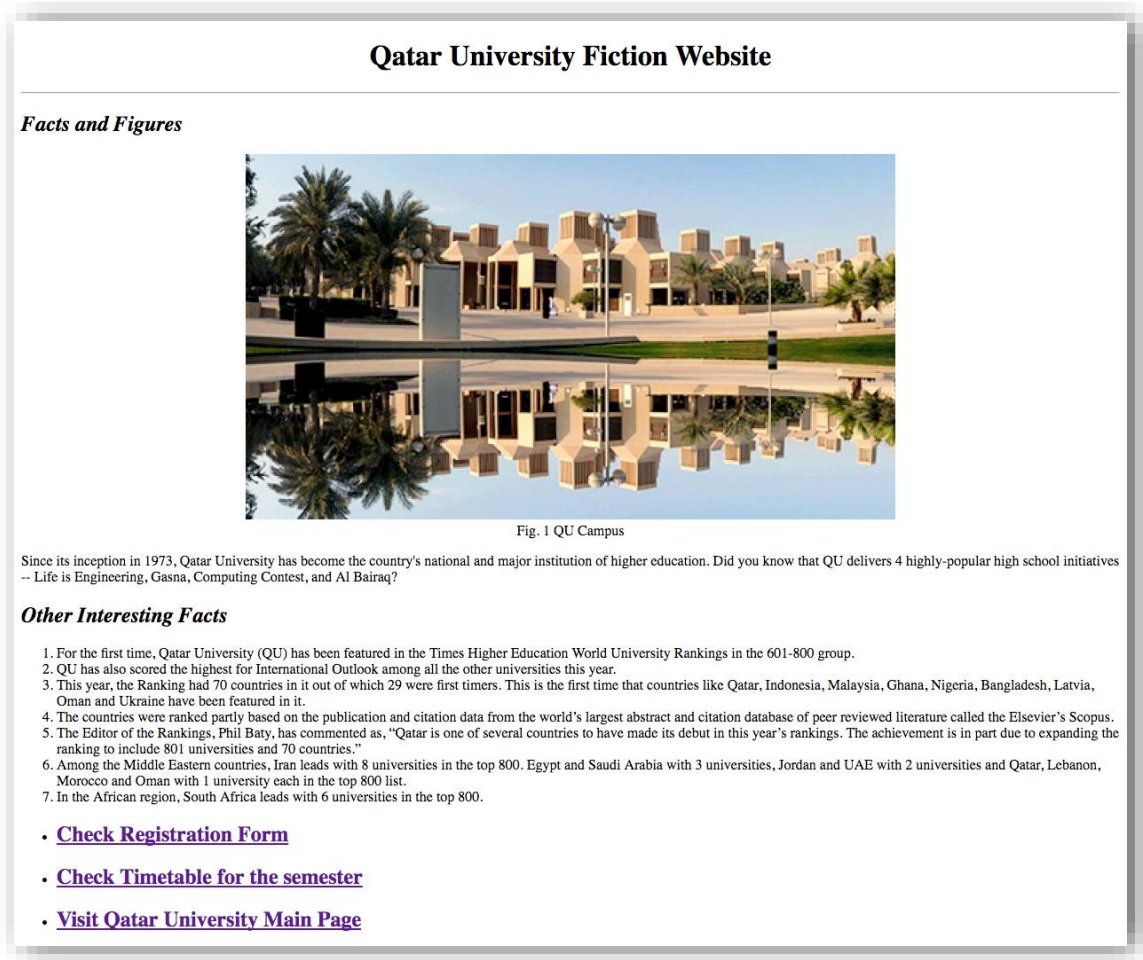
Figure 1 : Simple Webpage

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

Spring 2017 Time Table						
		Sun	Mon	Tues	Wend	Thu
Hours	8am to 9:50am	Science	Math	Physics	Programming	English
	10am to 11:50am	Arabic	French	History	Social	
	12pm to 1 pm	Lunch				
	1pm to 2:50pm	History	English	Math	Science	Project
	3pm to 4:50pm	Sport		Reading at Library		

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

Employment:
```
Goverment          ▲
   Administrative
   Technical
Private Sector
   Owner
   Employee
Other              ▼
```
→ Allows multiple selections. Use option groups

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.

After you complete the lab:
  (1) Fill in the *Lab1-TestingDoc-Grading-Sheet.docx* and save it in *Lab1-HTML* folder
  (2) Sync your repository to push your work to Github.