CMPS 350 Web Development Fundamentals
Lab 2 – HTML Multimedia & Forms

Objective

Learn and practice how to write:

1. HTML Multimedia : Multimedia comes in many different formats. It can be almost anything you can hear or see, like images, music, sound, videos, records, films, animations, and more.
2. HTML Forms: HTML Forms are used to collect some data from the user. For example, during user registration a form can be used to collect user details such as name, email address, phone number etc.

Overview

This lab has two parts.

- **In Part A**, we will design together two HTML pages which demonstrates the basic HTML multimedia tags and form elements.
- **In PART B**, you will design two more page that has an HTML form and Multimedia elements.

After you complete your work you will push it to your cmps356s21 GitHub repository under a folder named "**Lab2-HTML Forms and Multimedia**".

Preparation

1. If not done already, visit https://github.com/cmps350s21 and clone your private repository (named Lab-YourFirsname-QuUsername).
2. Save the files produced in this Lab under the folder named Lab2-HTML Multimedia and Forms
3. As you progress the Lab push your work to your Github Repository under the folder Lab2-HTML Multimedia and Forms

Part A – HTML Multimedia and Forms -Warmup activities

1. Create an html file and name it index.html and type the following code.

```
<html>f
    <head>
            <Title>The First Page</title>
    </head>
    <body>
            This is my first html program!
    </body>
</html>
```

2. Open the following website and explore basic HTML tags for creating video, audio and images https://www.w3schools.com/html/default.asp
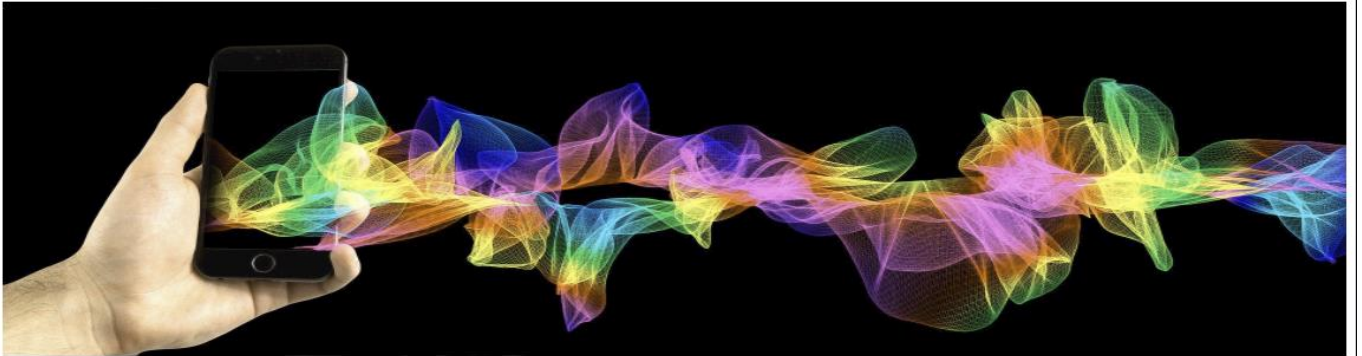
Exercise 1 – HTML Multimedia

Create the following page shown in figure 1.
You can download all the media you want for free from the following website
https://pixabay.com

Figure 1 : Multimedia demo page

Exercise 2. HTML Forms

1. Create a file named contact-us.html.
2. Design a form that looks like the following form shown below in figure 2.
3. You should not allow any of the field to be submitted unless they have a value and they meet the requirement.

Figure 2 : Contact-us form

PART B
Practice Excercise

Create a project called **Qatar-University** and add the following two html pages.
  a) index.html
  b) registration.html
The design of the pages are shown below.
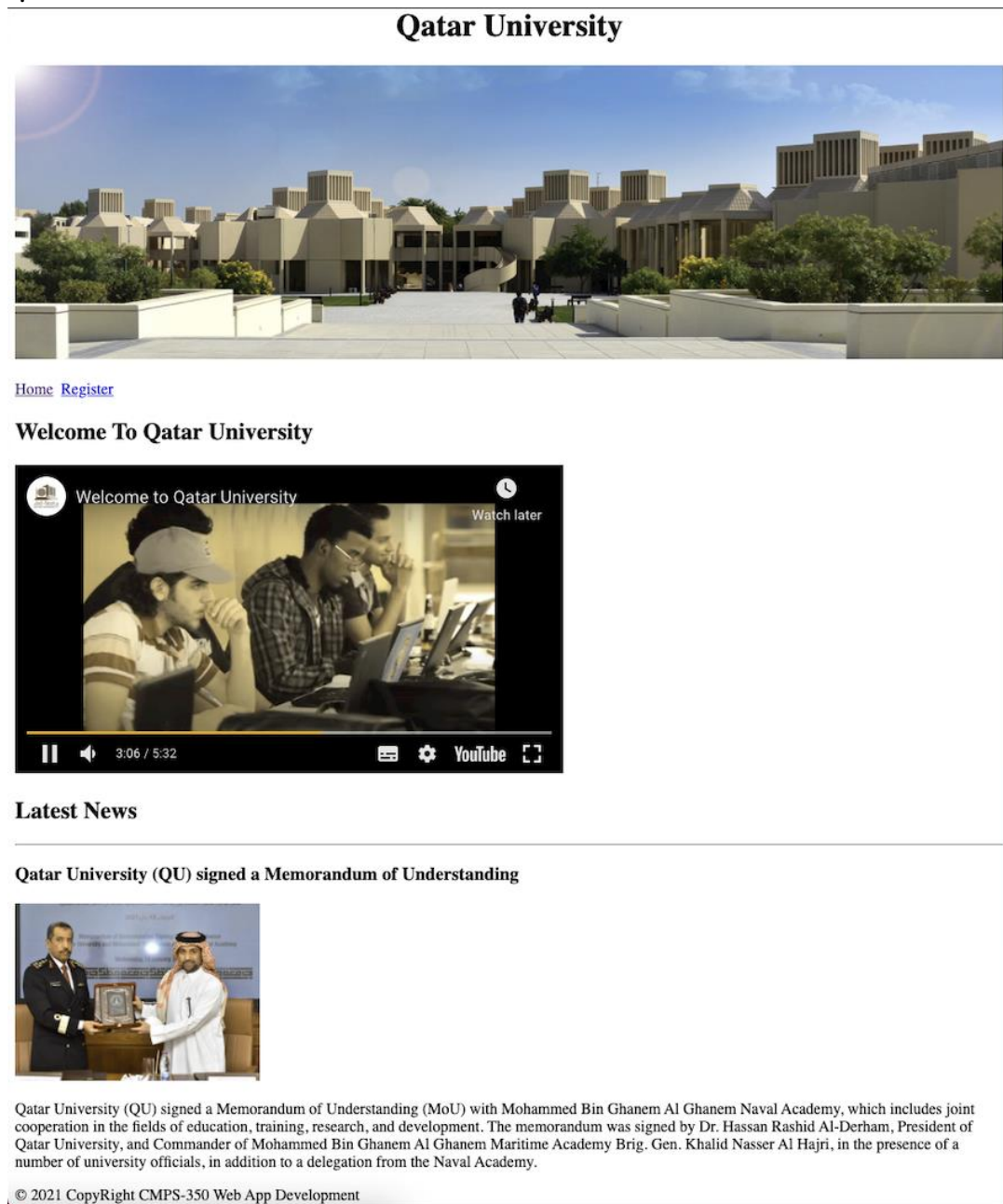 **a)** The **index.html** should look as like the page shown in figure 3 .
  .

Figure 3 : home page

b) Inside the **registration.html** page create the following form. Make sure all the fields are validated.
Note : For any of the form elements that you don't know refer to the w3-school page
https://www.w3schools.com/html/html_forms.asp

Figure 4 Registration page

After you complete the lab push it to your github account under Lab 2