ECE 3553 – MULTIFARIOUS SYSTEMS 1 (*Fall 2018*)

Lab Assignment 3

Pre-requisite:
Create a folder called "YourName_lab3". Save the files of this lab assignment in this folder.

Objectives
1. Create a web page called **index.html**
2. **index.html** should have three sections: header, navigation, and main content.
   o The title of your webpage should be "Welcome to my ECE 3553 course page".
   o The main heading of the body of the page should be "Welcome to YourName's homepage!"
3. In the body of your web page, create and use a **div** tag with class "main_page".
   o The three sections of the web page must be created inside this div tag.
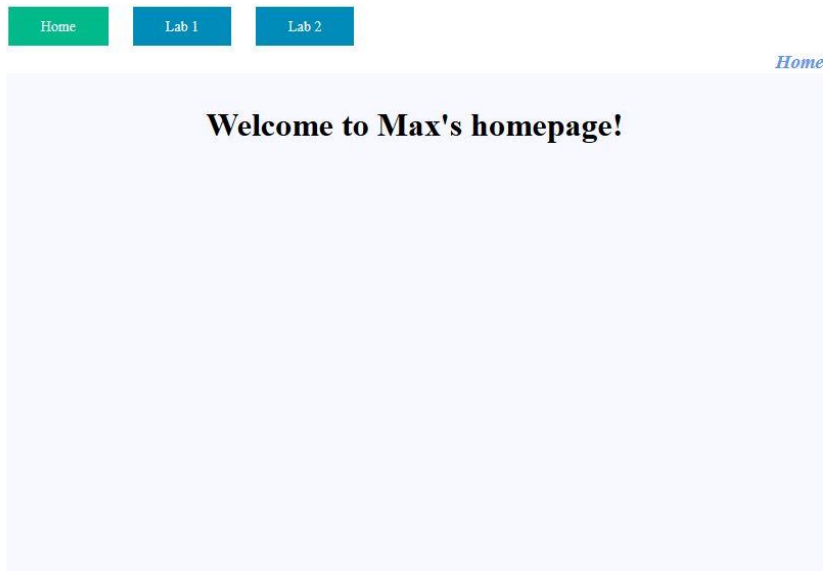
Figure 1 index.html webpage

4. Header
   Use a header tag. Your header must have:
   - An image (your picture or a non-offensive image)
   - A heading (h2 tag)
   - A sub-heading (h3 tag)
   - Your name (h3 tag).
   Refer to fig. 1.

5. Before the main content, create a "content heading" called "Home". Use a h3 tag, italic font-style, and **cornflowerblue** color**.** The content heading should be in the top right hand corner of the main content (section) as shown in fig. 1.

6. Main content
   Use a div tag with id "content".

7. Navigation
   Use a navigation tag, and an unordered list for the buttons.
   The first button should be called "Home", then Lab 1 and Lab 2 for the second and third buttons.

> **Tip**
> Link the **href** attributes of the navigation buttons to (the name of the) web pages you will be creating in the following section (8.) before making copies of index.html. Otherwise, you will have to do it later for every webpage!!!

8. Now create **four** copies of the web page you just created and rename them lab1_registration, lab1_result, lab2_shopping, lab2_result. Don't forget to import the folder containing the images of lab 2.

9. Now make use of the "main content" section you created in index.html. Copy the contents of the **body** sections of your previous labs and paste them in the main content section of the appropriate web pages. Also copy and paste any CSS style used.
   Don't forget to change the title of the web pages.

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Validations

- Your webpage should have a width of 1000px and minimum height of 700px, and should be centered.

Header
- In your header, your heading, sub-heading and name should be grouped in a **hgroup** tag
- Resize your header image in CSS to 100x100 pixels and save it in a folder called **my_image**.
- When I click on your heading "ECE 3553 – Multifarious Systems 1", your browser should load the index.html page. Hence, if I am already on index.html, the browser should just refresh the page.
- Use colors grey and blue for **Fall 2018** and **YourName** respectively. You should have some space between the semester and your name.
- Use a **border-bottom** property (CSS) with value "1px solid #eeeeee" to separate the header from the rest of the page.

Main Content
- Use **ghostwhite** for the background color of main content.
- Use a minimum height of 470px.

Navigation
- Define the navigation width to be 1000px.
- Use **#00ba8b** for the background color of the home button, and **#008CBA** for the following buttons.
- Make sure your content heading (i.e, **Home** in index.html) is updated (changed) when I go to another page.
- When the **Lab 1** button is pressed, the lab 1 webpage should load and it should work as in lab assignment 1.
- When the **Lab2** button is pressed, the lab 2 webpage should load, and it should work as in lab assignment 2.
- Note that the background color of the main content (with id = "content") will overwrite the background color of your previous labs. Make sure to change it to the appropriate background color in your CSS for the different pages.

Assignment Requirements

Create a **zip** file (student_name.zip) for each lab assignment submission, and it should contain the following files/folders:
- Source Code (HTML files…)
- Report – A **PDF** document which should have an Introduction, Architecture, Results (screenshots of web pages with explanation), etc.
- ReadMe File (.txt) – A text file that describes how to run this assignment.

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Grading
- Objectives – 50%
- Validations – 35%
- Assignment Requirements – 15%

Expected HTML Page(s)

index.html

Lab1_registration.html

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Fall 2018

Max Ble

| Home | Lab 1 | Lab 2 |

Lab 1

Registration Form

First Name	
Last Name	
Password	
Date of Birth	
Email Address	email@domain.edu
Favorite Color	▮
College URL	http://www.domain.edu
College ZIP Code	⇳
College Telephone	xxx-xxx-xxx
Day of Lab	Thursday
Gender	○ Female ○ Male

| Submit | Clear |

Lab1_result.html

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Max Ble

| Home | Lab 1 | Lab 2 |

Lab2-result

Thank you for shopping with us!

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Lab2_shopping.html

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Max Ble

| Home | Lab 1 | Lab 2 |

Lab2

Shopping Order Form

Super Sales Bay			
Product Name	**Picture**	**Price**	**Add Item**
Apple iPad Air 2		$353.99	☐
Apple iPad Air		$299.99	☐
Samsung Galaxy S7		$599.99	☐
Samsung Gear VR		$59.99	☐
ASUS ZenBook UX303UB		$1,169.99	☐

Shipping Address

Name:

Address:

Email:

Shipping Method: USPS Standard $3.00 ⌄

Submit   Clear