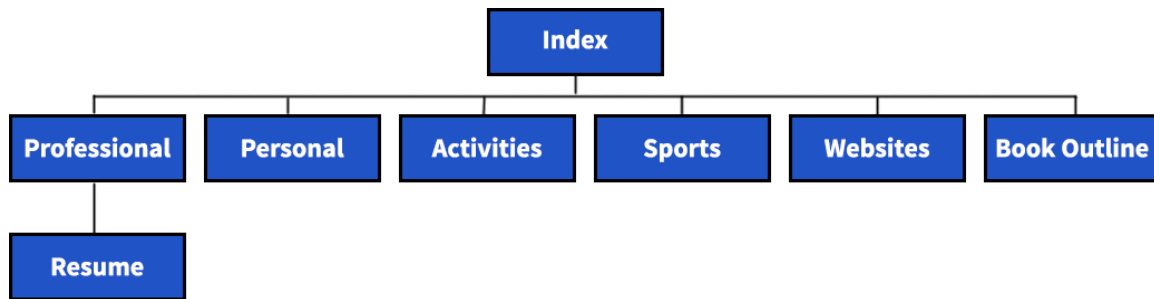**Regis University CC&IS**
CS336 Web Programming
Assignment 3: Personal Web Site

Program Requirements
Create a personal website for a fictional character that has the following structure:

The homepage links to seven other web pages. The professional page will contain a link to the résumé page. The résumé page will contain a link back to the professional page, but none of the other navigation.

You may include any other topics of interest as long as the required pages are created.

Steps for Completing the Assignment

Setup of Pages

Read all the instructions in this section for the setup of pages before creating a page.

1. Create a main directory for all your CS336 projects. Inside the directory, create a new project in WebStorm. Call it *lastname*-Assn3 (e.g. Smith-Assn3)

2. Create a new file (page) called **template.html**. This will act as a base page for the creation of all the pages. Create this page with all the elements listed below and then create copies of the page. Rename each copy to one of the required pages. Then, edit the content details for each specific page.

   Top-of-Page Comments
   Every page should have header comments at the top of it, which include the following information. It goes directly **under the doctype** statement.

   Student's name
   Date created
   Brief description
   This is done using the HTML comment tags.

```
<!--    Name: Angus Endicott
        Assignment: CS336 Assignment #4
        Created: 1/1/2016
        Description: The index page of the conference site.  -->
```

<u>Meta elements</u>
   a. keywords
   b. description
   c. author
   d. robots
   e. encoding (utf-8)

<u>Title</u>
Use the <title> element in the <head> section. This will need to be customized on each page

<u>Page Structure</u>
Each page should begin with a **doctype** statement and have the **html**, **head** and **body** elements. The body will contain a **header** element (containing a **nav** element), a **main** element, and a **footer** element. (Note: A header section is not the same as the <head> element in the code.)

In the **nav** area, add links to each of the pages (including the home page), except resume.html. The resume.html page is only accessible through the professional.html page. The header area containing the navigation should appear on every page of the site except resume.html. The urls should be relative, not absolute.

Add contact information in the **footer** area. Size the contact information so it is smaller than the other text on the page. Include a mailing address, telephone number and email address. Hint: Use the address and <small> tags

Before using this page as the basis for all the other pages, submit the page for validation here: https://validator.w3.org/#validate_by_upload

Correct any mistakes so they do not appear in all the pages of the site.

3. Create eight pages in total: the index page and seven sub-pages. They should be named as followed. (Don't make up your own page names.) Use lowercase only.
     index.html
     resume.html
     personal.html
     activities.html
     sports.html
     websites.html
     bookoutline.html
     professional.html

4. On the index.htm page:
    Add an **h1** header and then add two short **paragraphs** explaining who the character is in the *main* area.

    Add a quote from the character displayed using **blockquote** in the *main* area.

    Add contact information in the *footer* area. Size the contact information so it is smaller than the other text on the page.

5. On the resume.htm page:
    Using the **preformat** tag, add lines of information. Each line should contain:

    ```
    starting date    ending date    position    place of employment
    ```

    Include at least three places of employment.
    Add a link to the professional page. There should be no other navigation links on this page.

6. On the professional.htm page:
    Add an **ordered list** of at least three professional organizations in which the person is a member. Add a link to the resume.html page.

7. On the personal.htm page:
    Add a paragraph description of the person and an image. Use the figure and figcaption elements for the image.

8. On the activites.htm page:
    Add an **unordered list** of at least three activities in which the character participates.

9. On the sports.htm page:
    Add an **ordered list** of at least three sports the character enjoys playing or watching

10. On the websites.htm page:
    Add links to three websites the character frequents. *Make sure the links open in a new tab or window.*

11. On the bookoutline.htm page:
    Create an outline of the character's favorite (short) book. The outline will consist of the title of book in h1 element, followed by three **section** elements. Within each section element, there should be an h2 element and an h3 element. Here is an example of what it might look like:

The Hunry Caterpillar

Introduction to Caterpillar

Starts eating

Adventures of Caterpillar

Continues eating copius amounts of food.

Transformation to Butterfly

Stops eating and finally emerges as a butterfly.

12. Use WebStorm's "Inspect Code" command to make sure that the code validates and is free of errors.

13. Test the site in Chrome and Firefox, both at full size (desktop). Then, in Chrome, test the site at these mobile sizes:

    360 x 640 (Phone)
    768 x 1024 (Ipad or tablet)

    Take a screenshot of each and store the images in a folder inside the project called "screenshots". (You'll need to create this folder.) There should be four screenshots submitted. To take screenshots:
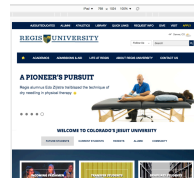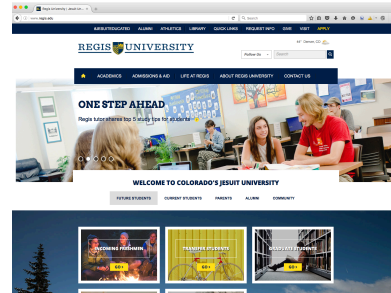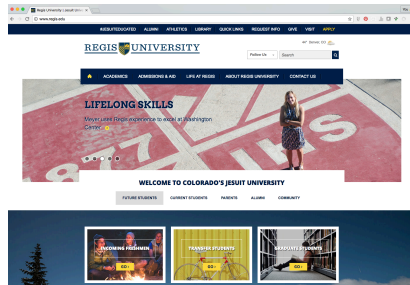
    Mac: press Shift + Command + 4 and draw a box around what you want in the screenshot. The system will save it to your desktop with a timestamp as its name.

    Windows: Here is a link for the different versions of Windows. https://www.cnet.com/how-to/how-to-take-a-screenshot-in-any-version-of-windows/

    Linux: Here is a link to different methods. http://tips.webdesign10.com/how-to-take-a-screenshot-on-ubuntu-linux

    Example: Here are thumbnails of what should be submitted in the screenshots folder. From right to left, top to bottom: desktop Chrome, desktop Firefox, mobile phone (Chrome), tablet (Chrome)

Submission

This programming assignment is due by midnight of the date listed on the Assignments page.

Zip all the files that comprise the WebStorm project and submit the file to the Assignment 3: Personal Website Dropbox (located under the Dropbox tab in the online course).

Before submitting your program file, make sure it follows this naming convention:
Lastname-Assn3.zip
For example: Smith-Assn3.zip

1. To submit your assignment completing the following steps:

2. Click on *Dropbox* in the course Navigation bar.

3. Click on the **Assignment 3: Personal Website** link in the Folder List.

4. Click on the **Add a File** button

5. In another window on your computer, browse to the zipped file you created.
a. Drag and drop the file to the area within the dotted lines.

6. Click on the **Add** button

7. Click on the **Submit** button.

8. You will receive a **Confirmation email** for the submission.

Grading

The rubric that will be used to grade your program is linked on the same assignments page from which you downloaded this file.

WARNING: *Programs submitted more than 5 days past the due date will **not** be accepted, and will receive a grade of 0. This will be strictly enforced.*