**Using what you’ve learned in class, your books, notes, etc., complete this Hands-On Test in 3 hours 50 minutes or less. 100 points possible.**

You are to create a 5-page website for a fictional gym based on the BMI work you had done earlier. Each page of the website should have a logo (text and/or image of your choice) and the standard HTML5 attributes, i.e. working <header>, <navbar>, <main>, <section>, <aside>, and <footer> tags; a consistent background color & text. **Each page shown is worth 20 points.**

1) The home page should have a slide show using the pictures in the MainPage folder and code shown on Pages 214 – 217 as a guide. Make them 1200 x 800 (they may look distorted. That’s OK). Add 1 to 4 paragraphs to the bottom of this page (to *fill* out page) from website <https://cogdog.github.io/bicycle-ipsum/> if/as necessary – **20 points**

2) The second page should be an about page, which creates an image swap application, such as that shown on Pages 206 - 209, using the provided thumbnail and regular images (make them 1200 x 800. They may look distorted. That’s OK). in the AboutPage folder. Add 1 to 4 paragraphs to the bottom of this page (to *fill* out page) from website

<https://cogdog.github.io/bicycle-ipsum/> if/as necessary – **20 points**

3. The third page should be a Frequently Asked Questions (FAQ) page using the questions and answers provided in the FAQPage folder, and the code shown on Pages 172 – 175 as a guide. Set it up so that only one "answer" can be open/shown at a time. This should fill up most if not all of the page (but again, you can add 1 - 4 paragraphs at the bottom of this page (to *fill* out the page) from website <https://cogdog.github.io/bicycle-ipsum/> if/as necessary). – **20 points**

4. The fourth page should be your working BMI page. Reproduce the latest BMI application you created. Add <span> tags to hold potential error messages. Rather than just showing the error messages in red and leaving them there, add a JavaScript one time timer (Pages 210 – 211) to have any/all error messages appear/disappear after 3 seconds.

Use the following URLs for some "hints": **– 20 points**

<https://www.drupal.org/project/messagefx/issues/724180>

<https://www.elated.com/articles/javascript-timers-with-settimeout-and-setinterval/>

<https://stackoverflow.com/questions/37594636/how-to-display-message-for-3-seconds-in-javascript/37594696>

<https://stackoverflow.com/questions/22655144/how-to-display-a-message-for-a-few-seconds-and-then-disappear-in-javascript>

5. The fifth page should be an HTML5 contact form with the following:

ssn - Must be in nnn-nn-nnnn format

first name - Alpha only (25 char max).

last name - Start w/ alpha, 0 or 1 "'" and/or "-" (25 char max).

address - 75 char max

city - 25 char max

state - https://www.freeformatter.com/usa-state-list-html-select.html

zip - nnnnn or nnnnn-nnnn

phone# - nnn-nnn-nnnn

gender - radio buttons (Male or Female)

age - radio buttons, must be 15 – 100, 15 - 25, 26 - 40,

41 - 60, 61 - 80, 81 - 100

reason - checkboxes: get healthy, stay healthy, lose weight,

add muscle tone

submit - Bring up .html file with all inputted values

reset - Reset all values to their default values

Format ssn, zip, phone #, gender, age, and reason form fields using JavaScript, as shown in class. Format other fields with HTML5.