CSC 170 Lab 17: Mobile Design

Due: Tuesday, December 5, 2017

The goal of this assignment is to make your lab website mobile friendly down to *iPhone 6*-sized devices: **375** **x** **667px** using as any or all of the techniques covered in the lecture on Tuesday, November 28.

# Setup

* Make a copy of your **lab14** or **lab15** folder (depending on if you want to continue using PHP Includes) and call it **lab16**
* In the HEAD of *each* HTML file, change the title in the <title> tag to "Lab 15 - …" [[1]](#footnote-1)  
  e.g. <title>**Lab 16** - Shakespeare</title>

# Re-write Your Website CSS

Mobile friendly means: at small viewport widths…

* No horizontal scroll bars
* All elements fit their containers
* Text is not too small to read comfortably, and there must be a lot of contrast between text color and its background
* Images must still be recognizable for what they are, i.e. not too small
* The navigation elements look like buttons and they are finger-sized (easily tap-able)

Other requirements:

* You must use the META VIEWPORT tag to override *Apple Safari for iPhone*'s default viewport
* You must code everything by hand
  + For those of you familiar with CSS frameworks: you may NOT use any of them!   
    E.g. Bootstrap, Materialize, et cetera …not allowed.

# Check and Upload your Work

When you are done with your webpage, close everything and use an FTP tool to access your account on **urcsc170.org** and upload your files:

* In a web browser (any), go to this address to check your handiwork:   
  **www.urcsc170.org/*accountname*/lab16**   
  (where “*accountname*” is your account name)

# Report your work

* In our Blackboard section, in Lab 16, post a link to your webpage to receive credit for this Lab.

1. If you're still using PHP includes, this is a snap! [↑](#footnote-ref-1)