

Homework 1

Welcome to your first application assignment! This may be your first time working in R and quarto, and we have already covered a lot. Now, you will be creating your first quarto document! This assignment is meant to encourage you to explore R and test out some of the code we covered in our first lab. Therefore, the guidelines for this assignment are very loose. Additionally, you may choose to spend more or less time on this assignment based on your level of familiarity with R and quarto.

Below are the steps you **must** include in your assignment. However, please feel free to add and practice as much as you think is helpful. Lastly, some of these steps will have a required order (e.g., setting up your YAML header), but others are independent steps that you can do in the order of your choosing.

Include the following in your quarto doc:

1. Set up your YAML header by copying and pasting the header from your lab script.
2. Create a code chunk that sets up your script (e.g., set conflict policy, load libraries).
3. Use a first, second, and third level heading. These headers can be anything!
4. Insert at least 2 more code chunks.
5. In any code chunk assign a numeric value to two different variables.
6. Perform a mathematical operation with your numeric variables and assign the result to a third variable.
7. Print the result to your console.
8. In any code chunk assign a string (character) value to a variable.
9. Print this string variable to your console.
10. Get the class for two variables. These can be ones you already created or new ones!
11. Write out a topic or point of confusion from last lab. This should be plain text (i.e., outside the code chunks).
12. Add how long this assignment took you as plain text. Bold the number of minutes using markdown formatting.

Click the render button to render your code into html format. Turn in both the .qmd and .html file on Canvas. ***Congrats! You just created your first quarto script!***