Homework 3

First: create a new R Markdown document that will knit to pdf. Then do the following:

1. Compute the square root of 25, then subtract 3 and multiply the entire result by 2

2. Create an object called letters.in.first.name that has the number of letters in your first name. Repeat the same for your middle and last names. Then average all of them and store the result as average.letters.in.name. Then call the vector to print out the result so we can see the average!

3. Create a numeric vector that contains the number of letters in your first name, middle name, and last name in two different ways.

      a. method 1: create the object names.length.1 and enter the numerical values.

      b. method 2: create the object names.length.2 and use the objects created in question 2 to create your vector.

4. Create a character vector that contains three words: your first name, your middle name, and your last name. Then call the vector so we can see all three names printed out.

5. Create a sequence of the odd numbers between 7 and 87.

6. Create a numeric vector called my.answers with your answers to the following questions, in this order: number of pets, number of siblings, your age, number of hours you slept last night

7. Sort the vector from question 6 from largest to smallest using the sort() function

Knit your R Markdown file to pdf and turn it in via Canvas.