Programming Assignment 0
STAT 311

Please complete the following problems and submit a file named `STAT311-HW0.R`.

Remember:

- Do not rename provided data files or edit them in any way.

- Do not use global paths in your script. Instead, use `setwd()` interactively in the console, but do not forget to remove or comment out this part of the code before you submit. The directory structure of your machine is not the same as the one on Gradescope's virtual machines.

- Do not destroy or overwrite any requested variables in your program. I check them only after I have run your entire program from start to finish.

- Check to make sure you do not have any syntax errors. Reset the working environment and rerun your entire assignment to ensure it runs without errors.

- Make sure to name your submission `STAT311-HW0.R`

Part 1

Create a vector called `myVector` of length 5 with values $[1, 2, 3, 4, 7]$

Part 2

Create a string called `myString` and have it store your name.

Part 3

Create a function that takes a single variable (a 3x3 matrix or dataframe) and returns a vector equal to the sum of the rows of the input matrix or dataframe. Call it `myFunction`, which you can test on the Dataset `SampleData.csv` which is saved in the variable `sampleData1`.