PSYC 7014, Week 1 Assignment

Materials can be found at: https://github.com/tehrandavis/PSYC7014

this is a pdf version of an R-markdown (.Rmd) file that is on the Github Repo. Use the Rmd for your work

Hello everyone. This is your first week's lab assignment. A few things before we get going:

- Please complete this assignment using this `.Rmd` file (just add your text and code at the bottom below the line of dashes)
- Be sure to change my name to *your name* in the header (as well as the date)
- Before turning this in, rename this document to `HW1_your_last_name.Rmd`
- Remember that you need to show your work, meaning every line of code that you write needs to be in this document in the order that you execute it.

Your assignment:

1. Load in the `anorexiaTherapy.csv` data set in the homework folder. Be sure to assign it to an `R` object.
2. Given what you know, identify the kind of data (scale of measurement) for each column in this data set.
3. Repeat 1 and 2 for the `IQ_scores.csv` and `LikertData.csv` datasets.
4. Find a dataset from your lab. The dataset should, *at minimum*, contain 1 column of data that is categorical and 1 column interval / ratio. It should also have header names at the top (e.g., `Gender`, `ReactionTime`, `Score`, etc.)
5. use the `$` operator to call out data from the column containing the continuous data. Assign it to an object named `measure` (e.g., `measure <- dataFrame$column)
6. use the `log()` function to get the logarithm of all the values contained in measure. Assign that to `measure_log`
7. Look at the output of `measure_log`, how did your values change?
8. if your dataset has header names, use the `names()` function to assign those names to a vector object, in other words create a new object (e.g., `names_df`) that contains a list of the dataset's names. For example, assuming your data frame was named `IQ_scores` your code would look like this

```
names_df <- names(IQ_scores)
```

START YOUR HOMEWORK BELOW THIS LINE