IST777 – Week 1 – Breakout 1 – R-Studio Skills Check

1. Install R and R-Studio. The URLs for these are:
   https://cran.r-project.org
   https://www.rstudio.com/products/rstudio/download/#download

   We are using this version of R for the course in Summer 2019:
   *R 3.6.1 "Action of the Toes" released on 2019/07/05*

2. Run R-Studio. At the console prompt (lower left pane), type `summary(Orange)` and press return.

3. Environment window (upper right): (Environment Tab) Load data from tinydata.Rdata (Hint, use the yellow icon of an opening folder). Import tinydata.csv using the Import Dataset button. (History Tab) review your code history so far. Copy the load( ) command and the read_csv( ) code from the history window into the code window using the appropriate button.

4. Content window (lower right): (Packages tab) Review downloaded packages. Install the BayesFactor package. Load (library) the BayesFactor package into memory using the checkbox in the packages tab. (Help tab) At the console run `help("Control")` and examine the documentation.

5. Code/Data Window (upper left): Open a new code file. Type a comment in the code window (use the #) and type the names of the people in your group. Type this command in the code window and run it: `View(Orange)`

6. Add `hist(Orange$circumference)` to your code and a comment describing the shape of the distribution. Also run this command:
   `plot(Orange$age, Orange$circumference)` and describe what you see in a comment.

7. Paste all of your code and comments into the code share window here:
   https://codeshare.io/2jg7kR