DAY 2 – Afternoon Exercise

1. Create a new R Markdown document

2. Put in a title of your choosing

3. Put in your name as author

4. Using our previous Rmarkdown documents (RMD files), create a report with the following items:

    a. Read in the Abalone dataset
    b. Add a header for figure 1
    c. Figure 1: Make a scatterplot of x=wholeWeight and y=age; add the best fit line using geom_smooth(method=lm); and use facet_wrap(~sex) to get the best fit lines by sex.
    d. Add text describing Figure 1 – do you think there is a stronger or weaker association between the abalone whole weights and their number of rings for females, males or infants?
    e. Add a header for Model 1
    f. Run a simple linear regression for y=age and x=wholeWeight. Save the model results.
    g. Display the model 1 summary.
    h. Add text describing the model results. [OPTIONAL – try using your saved model results to write a sentence with embedded r code for the intercept, slope and model r2 values without manually typing them in.]
    i. KNIT your report to any format you wish (HTML, PDF or WORD).