**Flipped Assignment 2**

For this assignment, you will be submitting a webpage with the requested analysis of the data.  The html link (only) should be submitted through blackboard. The webpage should be created with RMarkdown and analysis **self-contained** (i.e. all data manipulation, analysis, plotting, etc. should be done within R).  The code that was used should be included and displayed results throughout your webpage (echo=TRUE) and the complete code should also be included at the end of your webpage (eval=FALSE).

Specifically, consider the file normtemp.csv that contains measurements on the resting body temperature and resting heart rate of n=65 randomly sampled males (1) and n=65 randomly sampled females (2).  This file may be downloaded directly into R using read.csv() with the following link.

<https://raw.githubusercontent.com/tmatis12/datafiles/main/normtemp.csv>

We would like to analyze only the resting heart rate in this analysis.

* For males, perform an analysis that includes the descriptive statistics (e.g. min, max, sample mean, sample standard deviation, sample median, quartiles), histogram, and normal probability plot.  Comment on the statistics and plots.  Repeat the same for females.  Be sure to uniquely label the title and x-axis, and color the histograms (male-blue, female-pink).
* Create side by side box plots that compare the resting heart rate of males and females.  Be sure to title and label (male/female) the box plots. Comment on what you see in the box plots (similarities and/or differences).