Recitation 4

1. Load the built-in dataset LakeHuron. Make a simple plot showing x = year and y = lake depth. Label the plot axes and add a title. What should the range shown on the y axis be to show the general data trend without showing too much data?

2. Load the built-in dataset chickwts. Make a barplot of the average weight per type of feed. Add title and labels. Which feed looks like it generates the largest birds?

3. Using the chickwts dataset, make a box-and-whiskers plot with the data split by the different feed types. Which feed looks like it would be the most reliable for generating large birds?

4. Load the npk dataset. Make a ggplot with x = block and y=yield. Use aesthetics to put a different kind of symbol on each data point based on its N, P, and K value. Which chemical might have the most effect on yield?