XP Booster
March 10

For this XP Boost you may work solo, or with a team. You have the first several minutes of class to complete the problems below. The problems will use the Lego dataset.

1. Visualize the distribution for lego prices using a histogram. Describe the distribution in detail. (Draw your histogram and distribution at the bottom of this page.)

2. Visualize the price distribution for lego sets with a rating of greater than 3. (You only need to write the code that will produce this distribution.)

3. Create pairwise boxplots comparing the price distributions for 'Easy' lego sets and 'Challenging' lego sets. Is there a significant difference in the price between easy and hard sets?

Solution:

```
# Load Packages
library(tidyverse)
library(ggplot2)

# Load Dataset
lego <- read.csv('lego.csv')

## Question 1
hist(lego$Price)

## Question 2
hist(lego$Price[lego$rating>3])

## Question 3
easy <- lego$Price[lego$difficulty=='Easy']
hard <- lego$Price[lego$difficulty=='Challenging']
boxplot(easy,hard)
```