Homework 3: Solutions

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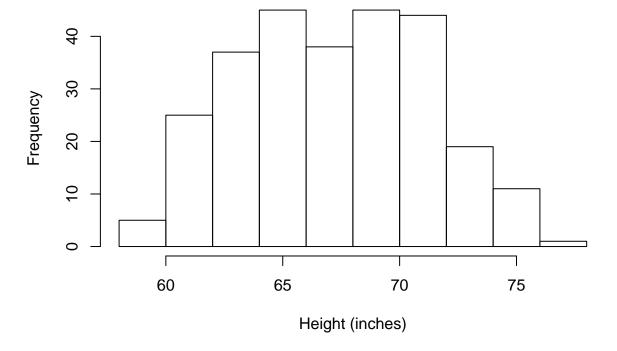
Load data:

```
setwd("~/Documents/rclass")
data <- read.csv("heights.csv", header = TRUE)</pre>
```

1. Make a histogram of height using the hist() function. Include an appropriate title and axis labels.

```
hist(data$Height,
    xlab = "Height (inches)",
    ylab = "Frequency",
    main = "Histogram of Height")
```

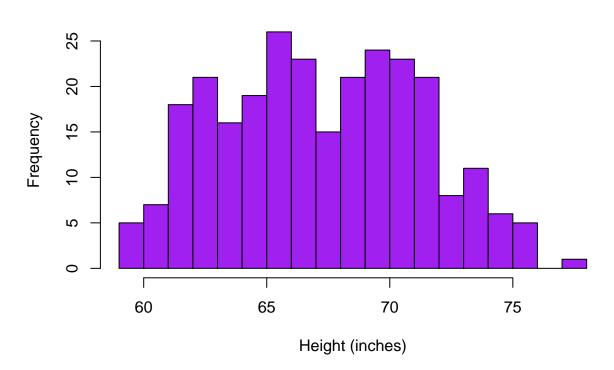
Histogram of Height



2. Now make the same histogram but include 20 bins and make it your favorite color.

```
hist(data$Height, xlab = "Height (inches)",
    ylab = "Frequency",
    main = "Histogram of Height",
    breaks = 20,
    col = "purple")
```

Histogram of Height



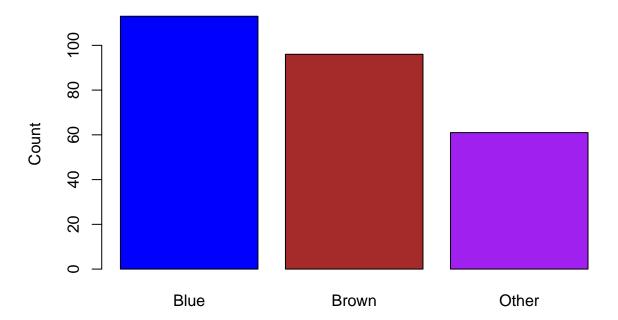
3. Make a bar chart of how many people are left or right handed using the barplot() function. Hint: data\$Handedness[data\$Handedness=="Left"] will return a vector including on those entries where data\$Handedness is "Left" and length() will return the length of a vector.

Handedness



4. Make a bar chart of how many people have the following eye colors: blue, brown, other. Make the color of each bar correspond to the eye color (you can choose any color for other).

Eye Color



5. Make a box plot of the height using the boxplot() function.

Boxplot of Height

