R Exercise

Your Name Here

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In this exercise you will create your first submission using R Markdown. We will see more information about R Markdown in class, but you can also take a look below for some preliminary information.

Fill in your answers to the five questions below in the format requested (see example). Knit the file into a PDF and submit on ELMS.

Loading data

You can use the following snippet, which we also used in the lecture notes used in class:

Example

Use this format for each of the questions below: - question: The question, which we provide - code: The code you used to answer it in an R code chunk - statement: A succint prose statement (use complete sentences please) of the answer to the question.

Question 0: What is the minimum arrest age in the dataset?

```
min(arrest_tab$age)
```

```
## [1] 0
```

The minimum arrest age is 0.

The questions

Question 1: What is the age of the oldest person arrested in the dataset?

Question 2: What is the neighborhood with the least number of arrests?

Question 3: What is the median arrest age?

Question 4: What is the median arrest age in the SOUTHERN district?

Question 5: What is the mean age of females arrested in the "Federal Hill" neighborhood?

R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.
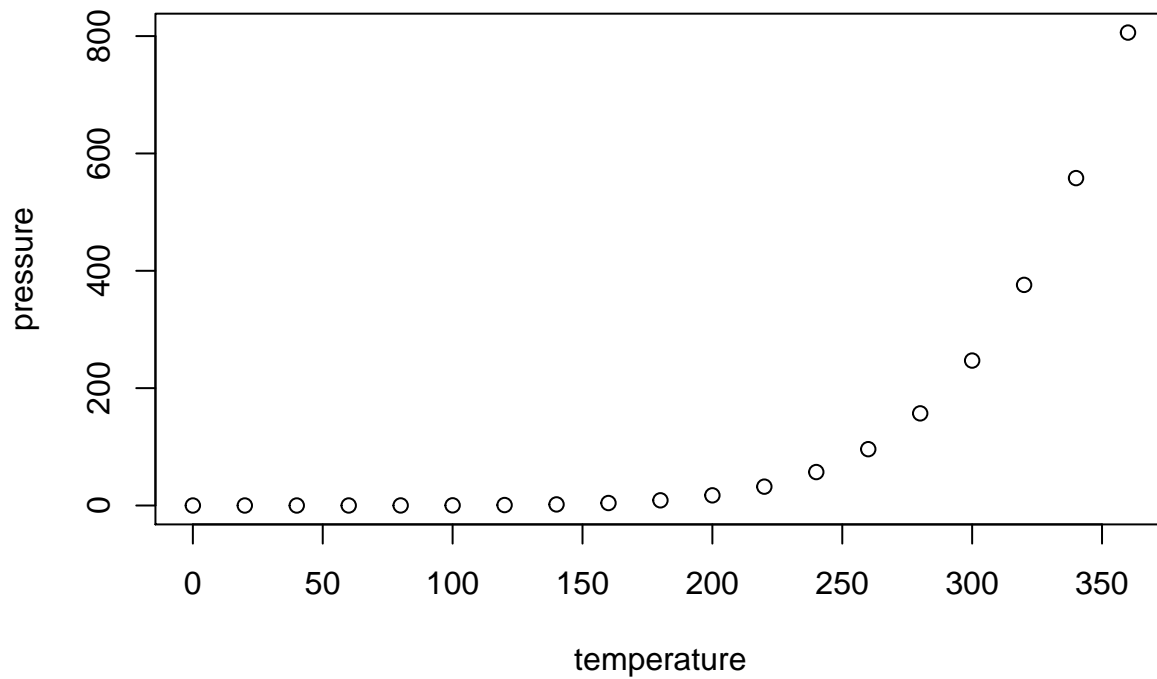
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

```
##      speed           dist
##  Min.   : 4.0   Min.    :  2.00
##  1st Qu.:12.0   1st Qu.: 26.00
##  Median :15.0   Median : 36.00
##  Mean   :15.4   Mean    : 42.98
##  3rd Qu.:19.0   3rd Qu.: 56.00
##  Max.   :25.0   Max.    :120.00
```

Including Plots

You can also embed plots, for example:

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.