hw1

R Markdown

This is an R Markdown document, (a modification of the default one created by File -> New File ->
R Markdown...). Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word
documents. This document is configured to produce a PDF. 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 text (such as these
paragraphs) as well as the output of any embedded R code "chunks" within the document. R code chunks
are indicated like this:

```
nums <- c(1, 2, 3, 4)
print(nums)
```

```
## [1] 1 2 3 4
```

When knitted, the output of the lines appears right after the chunk.

```
print("a test addition...")
```

```
## [1] "a test addition..."
```