Homework 3

#for nicer table output  
library(knitr)

Warning: package 'knitr' was built under R version 4.1.3

# Conceptual Problems

## Book Problems

Complete the following problems from the Introduction to Statistical Learning with R book (I’m not sure if the problems are in the same order in the python book so use the R book to identify which problems to do).

Section 4.8

* Book Problem 4
* Book Problem 5
* Book Problem 6
* Book Problem 9

# Implementation Problems

## Book Problems

Section 4.8

* Book Problem 14
  + For this problem you may want to use the caret package in R! [The reference for the package is here](https://topepo.github.io/caret/).