Chapter 4 Homework

Your Name Here

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# Problem 1.

## Instructions

*This problem was adapted from:*

## Responses

### a.

#### Step 1.

data(mtcars)  
head(mtcars)

mpg cyl disp hp drat wt qsec vs am gear carb  
Mazda RX4 21.0 6 160 110 3.90 2.620 16.46 0 1 4 4  
Mazda RX4 Wag 21.0 6 160 110 3.90 2.875 17.02 0 1 4 4  
Datsun 710 22.8 4 108 93 3.85 2.320 18.61 1 1 4 1  
Hornet 4 Drive 21.4 6 258 110 3.08 3.215 19.44 1 0 3 1  
Hornet Sportabout 18.7 8 360 175 3.15 3.440 17.02 0 0 3 2  
Valiant 18.1 6 225 105 2.76 3.460 20.22 1 0 3 1

### b.

### c.

### d.

# Packages

installed.packages()[names(sessionInfo()$otherPkgs), "Version"]

car carData jtools psych forcats stringr dplyr purrr   
 "3.0-10" "3.0-4" "2.1.1" "2.0.12" "0.5.0" "1.4.0" "1.0.2" "0.3.4"   
 readr tidyr tibble ggplot2 tidyverse   
 "1.4.0" "1.1.2" "3.0.4" "3.3.3" "1.3.0"