title: “Assignment 5” author: “peipeiwu” date: “2019 April4”

# Question 1

Provide a list of employees in descending order on last name.

library (tidyverse)

## Warning: package 'tidyverse' was built under R version 3.5.3

## -- Attaching packages --------------------- tidyverse 1.2.1 --

## v ggplot2 3.1.0 v purrr 0.3.2   
## v tibble 2.0.1 v dplyr 0.8.0.1  
## v tidyr 0.8.3 v stringr 1.4.0   
## v readr 1.3.1 v forcats 0.4.0

## Warning: package 'ggplot2' was built under R version 3.5.3

## Warning: package 'tidyr' was built under R version 3.5.3

## Warning: package 'purrr' was built under R version 3.5.3

## Warning: package 'dplyr' was built under R version 3.5.3

## Warning: package 'stringr' was built under R version 3.5.3

## Warning: package 'forcats' was built under R version 3.5.3

## -- Conflicts ------------------------ tidyverse\_conflicts() --  
## x dplyr::filter() masks stats::filter()  
## x dplyr::lag() masks stats::lag()

library(readxl)

## Warning: package 'readxl' was built under R version 3.5.3

CustomerT <- read\_excel("C:/Users/frank/Downloads/CustomerT.xlsx")  
library(readxl)  
EmployeeT <- read\_excel("C:/Users/frank/Downloads/EmployeeT.xlsx")  
  
sorted\_by\_lastname\_desc <- EmployeeT %>%   
 arrange(desc(EmployeeLastName))  
 head(sorted\_by\_lastname\_desc, n = 5)

## # A tibble: 5 x 8  
## EmployeeID EmployeeRegionID EmployeeRole EmployeeFirstNa~  
## <dbl> <dbl> <chr> <chr>   
## 1 6 1 Manager Desiree   
## 2 3 2 Sales Rep Sam   
## 3 9 1 Sales Rep Noah   
## 4 2 2 Sales Rep Roger   
## 5 4 2 Sales Rep Chloe   
## # ... with 4 more variables: EmployeeLastName <chr>, EmployeeSSN <chr>,  
## # EmployeePhoneNumber <chr>, EmployeeEMailAddress <chr>

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