HW3: Data Manipulations and Packages

```
library(tidyverse)
library(palmerpenguins)
```

Task 1

Part A

The `read_csv` function is a specific use-case of the `read_delim` function that specifies that the delimiter must be a comma (`,`). The data that we're trying to read in here is delimited by semi-colons (`;`) so we cannot use the `read_csv` function as a result. The help file `?read_csv` specifies that `read_csv2` supports semi-colons (`;`) so we can use that function instead.

```
#Read in and display data.txt
data <- read_csv2(".\\data\\data.txt", col_names = TRUE,
                  show_col_types = FALSE)
```

```
i Using "','" as decimal and "'.'" as grouping mark. Use `read_delim()` for more control.
```

```
data
```

```
# A tibble: 2 x 3
      x     y     z
  <dbl> <dbl> <dbl>
1     1     2     3
2     5     3     8
```

Part B

```
#Read in and display data2.txt
data2 <- read_delim(".\\data\\data2.txt", col_names = TRUE,
                    col_types = "fdc", delim = '6')
data2
```

```
# A tibble: 3 x 3
  x         y z
  <fct> <dbl> <chr>
1 1         2 3
2 5         3 8
3 7         4 2
```