# Programming with the tidyverse

## Task 1

### Part a

We have our data in the appropriate folder. So, we will start by looking into using `read_csv()` to load in our data.

```
?read_csv
```

We are not able to use this function specifically, because this file is delimited by `;` and not a comma. We are able to use the `read_csv2()` function for semicolon delimited data. So, we will use this to read in our data below.

```
data <- read_csv2("./data/data.txt",
          col_names = TRUE)
```

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

Rows: 2 Columns: 3
-- Column specification --------------------------------------------------------
Delimiter: ";"
dbl (3): x, y, z

i Use `spec()` to retrieve the full column specification for this data.
i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
data
```

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

### Part b

Next, we will load in the `6` delimited data with an empty row. This should look the same as the data above when finished loading it in.

## Task 2

```
1 + 1
```

```
[1] 2
```

You can add options to executable code like this

```
[1] 4
```

The `echo: false` option disables the printing of code (only output is displayed).