

RWorksheet_Camiña#4

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```
library(dplyr)
library(readr)
```

#1.

#1.a

```
shoesize <- c(6.5,9.0,8.5,8.5,10.5,7.0,9.5,9.0,13.0,
             7.5,10.5,8.5,12.0,10.5,
             13.0,11.5,8.5,5.0,10.0,
             6.5,7.5,8.5,10.5,8.5,10.5,11.0,9.0,13.0)
```

```
height <- c(66.0,68.0,64.5,65.0,70.0,
            64.0,70.0,71.0,72.0,64.0,
            74.5,67.0,71.0,71.0,77.0,72.0,
            59.0,62.0,72.0,66.0,64.0,67.0,73.0,
            69.0,72.0,70.0,69.0,70)
```

```
gender <- c("F","F","F","F","M","F","M","F","M",
            "M","M","F","M","M","M","M","F","F",
            "M","F","M","M","M","F","M","M","M")
```

```
data_display <- data.frame(shoesize, height, gender)
data_display
```

#1.b

```
mean(shoesize)
#Answer: 9.410714
mean(height)
#Answer: 68.57143
```

#1.c

#Answer: Yes. As shown in the data table, the taller a person is, the bigger their foot sizes.

#2.

```
months <- c("March","April","January","November","January",
            "September","October","September","November","August",
            "January","November","November","February","May","August",
            "July","December","August","August","September","November","February","April")
```

```
factor_months <- factor(months)
factor_months
```

#3.

```

summary(months)
summary(factor_months)

#4.
factor_data <- data.frame(Direction = c("East", "West", "North"), Frequency = c(1, 4, 3))
factor_data

new_orderdata <- factor(factor_data, levels = c("East", "West", "North"))
print(new_orderdata)

#5.
#5.a
getwd()
import <- read.table("import_march.csv", header = TRUE, sep=",")
import

```