

Vargovich_RModule2

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Exercise 1:

Create a data frame “by hand” with the names, ages, and heights of your own family.

```
#Create a raw data frame using the old method without tidyverse.
myFamily <- data.frame(
  names = c('Joe', 'Mom', 'Ashley', 'Peanut', 'Kitty', 'BigNasty'),
  age = c(21, 55, 22, 10, 11, 4),
  heights = c(74, 64, 68, 12, 12, 9)
)
myFamily
```

```
##      names age heights
## 1      Joe  21      74
## 2      Mom  55      64
## 3  Ashley  22      68
## 4  Peanut  10      12
## 5   Kitty  11      12
## 6 BigNasty   4       9
```

Exercise 2:

Find the mean age of my family.

```
myFamily$age
```

```
## [1] 21 55 22 10 11  4
```

```
mean(myFamily$age)
```

```
## [1] 20.5
```

Exercise 3:

Import and parse with readr from https://raw.githubusercontent.com/dereksonderegger/570L/master/data-raw/Example_1.csv.

a. https://raw.githubusercontent.com/dereksonderegger/570L/master/data-raw/Example_1.csv

```
#Load the readr package
library(readr)

#Store the GH link in a variable so it doesn't clog the readr function call
```

```

link = "https://raw.githubusercontent.com/dereksonderegger/570L/master/data-raw/Example_1.csv"

exampleData = read_csv(url(link))

## Parsed with column specification:
## cols(
##   Girth = col_double(),
##   Height = col_double(),
##   Volume = col_double()
## )

head(exampleData)

## # A tibble: 6 x 3
##   Girth Height Volume
##   <dbl> <dbl> <dbl>
## 1  8.3    70    10.3
## 2  8.6    65    10.3
## 3  8.8    63    10.2
## 4 10.5    72    16.4
## 5 10.7    81    18.8
## 6 10.8    83    19.7

```