Week 3 - Start with R

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Packages

```
library(tidyverse)
```

```
## -- Attaching core tidyverse packages ----------------------- tidyverse 2.0.0 --
## v dplyr     1.1.2     v readr     2.1.4
## v forcats   1.0.0     v stringr   1.5.0
## v ggplot2   3.4.3     v tibble    3.2.1
## v lubridate 1.9.2     v tidyr     1.3.0
## v purrr     1.0.2
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

For this assignment, please answer the following three questions showing your code and results and then take a particular screenshot of your working environment. You can upload here (to Brightspace) the code and the URL to the screenshot OR submit everything to Github and submit here a single link to your repository.

1) Use R to figure out how many elements in the vector below are greater than 2.

```
rooms <- c(1, 2, 1, 3, 1, NA, 3, 1, 3, 2, 1, NA, 1, 8, 3, 1, 4, NA, 1, 3, 1, 2, 1, 7, 1, NA)
rooms <- rooms[!is.na(rooms)]
length(rooms[rooms > 2])
```

```
## [1] 8
```

2) What type of data is in the 'rooms' vector?

```
class(rooms)
```

```
## [1] "numeric"
```

3) What is the result of running the median() function on the above 'rooms' vector?

```
median(rooms)
```

```
## [1] 1.5
```