

# homework4

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Github: [https://github.com/Digital-Methods-HASS/au651039\\_hjulmand\\_anders](https://github.com/Digital-Methods-HASS/au651039_hjulmand_anders)

```
#loading packages  
pacman::p_load(tidyverse)
```

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

```
#Defining the vector  
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)  
  
#summing values above 2. Removing NA's.  
sum(rooms > 2, na.rm=T)
```

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

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

The rooms-vector contain integers and missing values called NA's. The type of vector is a double vector

```
typeof(rooms)
```

```
## [1] "double"
```

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

```
#trying to run the median() on rooms  
median(rooms)
```

```
## [1] NA
```

```
#It gives the output NA  
  
#running median() on rooms and excluding NA's  
median(rooms, na.rm=T)
```

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

```
#The median of rooms is 1.5
```

4) Submit the following image to Github: Inside your R Project (.Rproj), install the ‘tidyverse’ package and use the `download.file()` and `read_csv()` function to read the `SAFI_clean.csv` dataset into your R project as ‘interviews’ digital object (see instructions in <https://datacarpentry.org/r-socialsci/setup.html> and ‘Starting with Data’ section). Take a screenshot of your RStudio interface showing

a) the line of code you used to create the object,

```
df_safi <- read_csv("SAFI_clean.csv")
```

b) the ‘interviews’ object in the Environment, and

c) the file structure of your R project in the bottom right “Files” pane.

Save the screenshot as an image and put it in your `AUID_lastname_firstname` repository inside our Github organisation ([github.com/Digital-Methods-HASS](https://github.com/Digital-Methods-HASS)) or equivalent. Place here the URL leading to the screenshot in your repository.