Part 1

I start by creating a vector for a set of numbers given in the assignment I did this by talking the en tire line write it in like this:

```
> v2 <-c(1,2,1,3,1,NULL,3,1,1,2,1,NULL,1,8,3,1,4,NULL,1,3,1,2,1,7,1,NULL)
```

I then made the following line to mark the point on the overhead line where the number is greater than 2:

```
> v2[c(4,6,12,13,15,17,21)]
[1] 3 3 8 3 4 3 7
```

Which amount to 7 times that a element is greater than 2

Part 2 what kind of data

I then used the formula “is.numeric” for the v2 line I had made, and it was because the formula ended with the citation “True” which means the vector is numeric

Part 3 find the median of the vector

The median of the vector is one

Part 4 installation og tidyverse and the download of data

A:

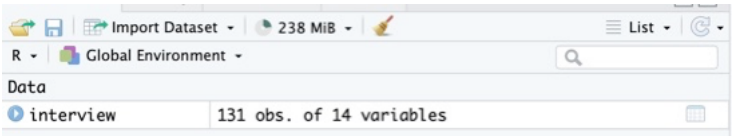
Picture of the installment of tidy verse installation

```
DONE (selectr)
installing *binary* package ‘blob’ ...
DONE (blob)
installing *binary* package ‘tidyselect’ ...
DONE (tidyselect)
installing *binary* package ‘ids’ ...
DONE (ids)
installing *binary* package ‘rmarkdown’ ...
DONE (rmarkdown)
```

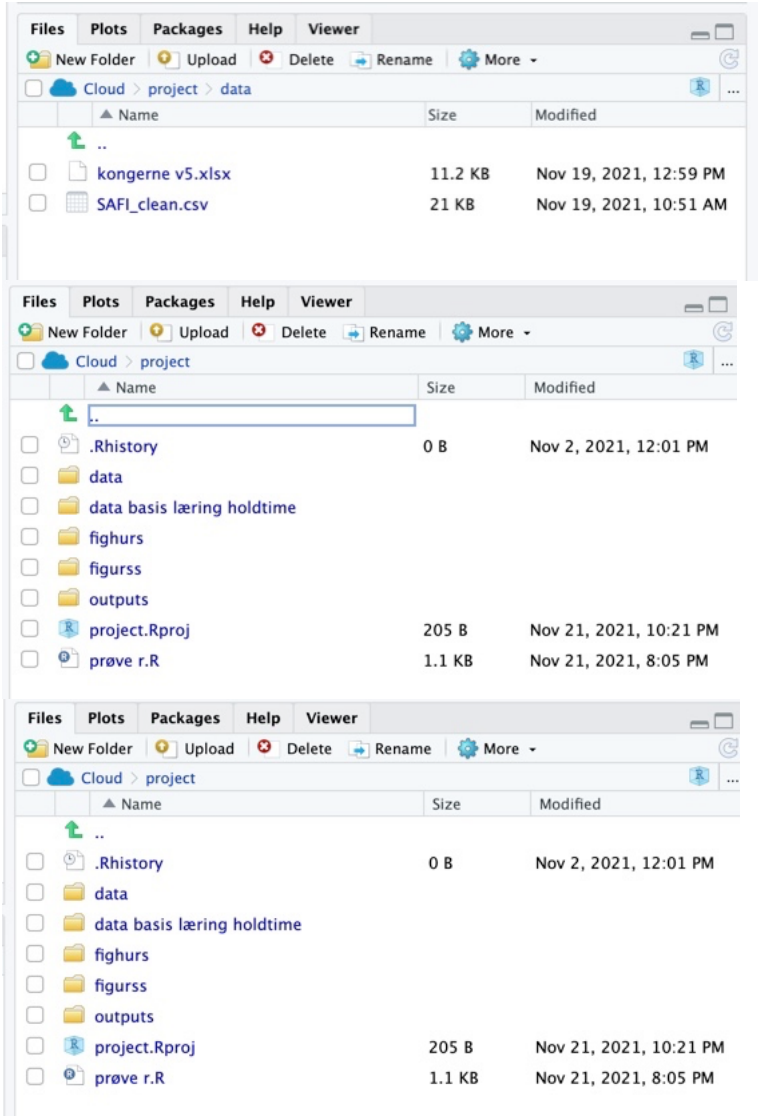
I could hower not downloade the SAFI file because due to installation problems with my Mac I am running It online which mean I can not make the download for the SAFI_clean.csv file

B:

And here is the interview from the environment section.



C I have put in the pictures of the data organization in the File folder here because I am not entirely sure it is going to work in the folder in Github.



Here is how my data was organized under the Files

Here is the link to my repository on GitHub
https://github.com/Digital-Methods-HASS/Christian-Kjeldsen/edit/main/README.md
please see the files attaches under there for the image to part 4 c

best regards Christian Kjeldsen

Part 5
the last thing we had to do is to take our data from the danish monarchs and find the average duration of their reign. Here I took the data form exel and find the mean and median value

I made a new vector by using the reign I had calculated in exel from the start and end day of their reign then a took the mean from that vector which was 19.63 years
And the median was 17.

```
> #opgave5
> v3 <- c(22,29,17,14,17,7,5,27,6,6,9,8,31,3,9,11,25,20,39,9,2,7,27,33,7,3,3,8,35,12,27,
9,36,29,10,10,3,23,29,60,22,29,31,16,20,42,31,9,15,43,6,35,25,49)
> mean(v3)
[1] 19.62963
> median(v3)
[1] 17
> ¢
```