

Homework 3

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9/13/2020

```
#1
Mean_function <- function(X){
  M <- sum(X)/length(X);
  return(M)
}
```

```
library(data.table)
data1<- fread("https://raw.githubusercontent.com/rfordatascience/tidytuesday/master/data/2020/2020-09-01")
```

```
#2
Year= data1$Year
max(Year)
```

```
## [1] 2018
```

```
min(Year)
```

```
## [1] 1961
```

```
range= max(Year) - min(Year)
range
```

```
## [1] 57
```

The range of the variable Year is 57

```
#3
library(na.tools)
maizedata= na.rm(data1$Maize)
Mean_function(maizedata)
```

```
## [1] 3.024496
```

The mean of the vairable Maize is 3.024496

```
#4  
fwrite(data1, file="Entity.txt")
```