RMD Exercise

1. Create an RMD file
2. Create a code chunk
   - PC: Ctrl+Alt+I
   - Mac: Cmd+Opt+I
3. add code chunk options

   ```
   echo = TRUE

   message = FALSE

   warning = FALSE
   ```
4. simple R commands
   - R as a calculator

     ```
     567 * 851
     ```
   - Flights data

     ```
     library(nycflights13)

     head(flights[,c(1:8)])

     dep_delay = flights$dep_delay

     mean(dep_delay, na.rm = T)
     ```
5. knit
6. open another code chunk
7. global code chunk options

   ```
   knitr::opts_chunk$set(echo = TRUE, message = FALSE, warning = FALSE)
   ```
8. open another code chunk
9. include a plot

   ```
   arr_time = flights$arr_time

   hist(arr_time, main = "Distribution of Arrival Times", xlab = "Arrival Times")
   ```
10. add figure options

    ```
    fig.align='center'

    fig.height= 6

    fig.width= 11

    fig.path= 'path/plot', fig.ext='png'

    fig.cap='Histogram'
    ```
11. knit