Homework 3

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Problem 4

There are some programming skills in notations, syntax, functions and organisation to make code clean and clear:

- Using lowercase and underscore in the variable names
- Placing spaces around operators and before left parentheses, except in a function call.
- The opening curly brace should never go on its own line and should always followed by a new line. A closing curly brace should always go on its own line, unless it's followed by else.
- Each lines shouldn't exceed 80 characters.
- When function definition runs over multiple lines, indent the second line where the definition starts.
- Commenting code and use - or = to seperate code into readable chunks.

I will pay attention to improve the identation and comments.

Problem 5

```
library(lintr)
lint(filename = "../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd")
```

```
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:23:1: style: lines should not be more than 8
## Sensory_data <- read.table("Sensory.txt",header = F,skip = 1,fill = T,stringsAsFactors = F)
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:23:42: style: Commas should always have a sp
## Sensory_data <- read.table("Sensory.txt",header = F,skip = 1,fill = T,stringsAsFactors = F)
##                                          ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:23:53: style: Commas should always have a sp
## Sensory_data <- read.table("Sensory.txt",header = F,skip = 1,fill = T,stringsAsFactors = F)
##                                                     ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:23:62: style: Commas should always have a sp
## Sensory_data <- read.table("Sensory.txt",header = F,skip = 1,fill = T,stringsAsFactors = F)
##                                                              ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:23:71: style: Commas should always have a sp
## Sensory_data <- read.table("Sensory.txt",header = F,skip = 1,fill = T,stringsAsFactors = F)
##                                                                       ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:24:34: style: Commas should always have a sp
## Sensory_tidy1 <- Sensory_data[-1,] %>% filter(V1 %in% 1:10) %>%
##                                  ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:24:64: style: Trailing whitespace is superfl
## Sensory_tidy1 <- Sensory_data[-1,] %>% filter(V1 %in% 1:10) %>%
##                                                              ^~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:25:28: style: Put spaces around all infix op
##                rename(Item=V1,V1=V2,V2=V3,V3=V4,V4=V5,V5=V6)
##                           ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:25:32: style: Commas should always have a sp
##                rename(Item=V1,V1=V2,V2=V3,V3=V4,V4=V5,V5=V6)
##                               ^
```

```
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:25:34: style: Put spaces around all infix op
##                 rename(Item=V1,V1=V2,V2=V3,V3=V4,V4=V5,V5=V6)
##                                  ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:25:38: style: Commas should always have a s
##                 rename(Item=V1,V1=V2,V2=V3,V3=V4,V4=V5,V5=V6)
##                                     ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:25:40: style: Put spaces around all infix op
##                 rename(Item=V1,V1=V2,V2=V3,V3=V4,V4=V5,V5=V6)
##                                       ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:25:44: style: Commas should always have a s
##                 rename(Item=V1,V1=V2,V2=V3,V3=V4,V4=V5,V5=V6)
##                                           ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:25:46: style: Put spaces around all infix op
##                 rename(Item=V1,V1=V2,V2=V3,V3=V4,V4=V5,V5=V6)
##                                             ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:25:50: style: Commas should always have a s
##                 rename(Item=V1,V1=V2,V2=V3,V3=V4,V4=V5,V5=V6)
##                                                 ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:25:52: style: Put spaces around all infix op
##                 rename(Item=V1,V1=V2,V2=V3,V3=V4,V4=V5,V5=V6)
##                                                   ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:25:56: style: Commas should always have a s
##                 rename(Item=V1,V1=V2,V2=V3,V3=V4,V4=V5,V5=V6)
##                                                       ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:25:58: style: Put spaces around all infix op
##                 rename(Item=V1,V1=V2,V2=V3,V3=V4,V4=V5,V5=V6)
##                                                         ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:26:34: style: Commas should always have a s
## Sensory_tidy2 <- Sensory_data[-1,] %>% filter(!(V1 %in% 1:10)) %>%
##                                  ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:26:67: style: Trailing whitespace is superf
## Sensory_tidy2 <- Sensory_data[-1,] %>% filter(!(V1 %in% 1:10)) %>%
##                                                                   ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:27:54: style: Commas should always have a s
##                 mutate(Item = rep(as.character(1:10),each = 2)) %>%
##                                                      ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:27:68: style: Trailing whitespace is superf
##                 mutate(Item = rep(as.character(1:10),each = 2)) %>%
##                                                                    ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:28:29: style: Commas should always have a s
##                 select(Item,V1:V5) %>%
##                             ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:28:39: style: Trailing whitespace is superf
##                 select(Item,V1:V5) %>%
##                                       ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:31:41: style: Commas should always have a s
## Sensory_tidy <- bind_rows(Sensory_tidy1,Sensory_tidy2) %>%
##                                         ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:31:59: style: Trailing whitespace is superf
## Sensory_tidy <- bind_rows(Sensory_tidy1,Sensory_tidy2) %>%
##                                                           ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:32:31: style: Commas should always have a s
##                 gather(person,value,V1:V5) %>% arrange(as.numeric(Item)) %>%
##                              ^
## ##
```

```
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:32:37: style: Commas should always have a s
##                 gather(person,value,V1:V5) %>% arrange(as.numeric(Item)) %>%
##                                     ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:35:37: style: Put spaces around all infix o
## kable(summary(Sensory_tidy), caption="Sensory data summary")
##                                     ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:41:1: style: Variable and function names sh
## LongJump_data <- read.table("LongJumpData.txt",header = T, fill = T)
## ^~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:41:48: style: Commas should always have a s
## LongJump_data <- read.table("LongJumpData.txt",header = T, fill = T)
##                                                ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:41:69: style: Trailing whitespace is superf
## LongJump_data <- read.table("LongJumpData.txt",header = T, fill = T)
##                                                                     ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:42:1: style: Variable and function names sh
## LongJump_tidy <- LongJump_data %>% select(Year:Long.2)
## ^~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:42:18: style: Variable and function names sl
## LongJump_tidy <- LongJump_data %>% select(Year:Long.2)
##                  ^~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:44:13: style: Variable and function names sl
## yearcode <- LongJump_tidy[,c(1,3,5,7)] %>%
##             ^~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:44:28: style: Commas should always have a s
## yearcode <- LongJump_tidy[,c(1,3,5,7)] %>%
##                            ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:44:32: style: Commas should always have a s
## yearcode <- LongJump_tidy[,c(1,3,5,7)] %>%
##                                ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:44:34: style: Commas should always have a s
## yearcode <- LongJump_tidy[,c(1,3,5,7)] %>%
##                                  ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:44:36: style: Commas should always have a s
## yearcode <- LongJump_tidy[,c(1,3,5,7)] %>%
##                                    ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:44:43: style: Trailing whitespace is superf
## yearcode <- LongJump_tidy[,c(1,3,5,7)] %>%
##                                           ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:46:13: style: Variable and function names sl
## longjump <- LongJump_tidy[,c(2,4,6,8)] %>%
##             ^~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:46:28: style: Commas should always have a s
## longjump <- LongJump_tidy[,c(2,4,6,8)] %>%
##                            ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:46:32: style: Commas should always have a s
## longjump <- LongJump_tidy[,c(2,4,6,8)] %>%
##                                ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:46:34: style: Commas should always have a s
## longjump <- LongJump_tidy[,c(2,4,6,8)] %>%
##                                  ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:46:36: style: Commas should always have a s
## longjump <- LongJump_tidy[,c(2,4,6,8)] %>%
##                                    ^
```

```
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:46:43: style: Trailing whitespace is superf
## longjump <- LongJump_tidy[,c(2,4,6,8)] %>%
##                                           ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:47:26: style: Commas should always have a sp
##              gather(name2,long_jump,Long:Long.2)
##                          ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:47:36: style: Commas should always have a sp
##              gather(name2,long_jump,Long:Long.2)
##                                    ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:47:48: style: Trailing whitespace is superf
##              gather(name2,long_jump,Long:Long.2)
##                                                 ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:49:1: style: lines should not be more than 8
## LongJump_tidy <-bind_cols(yearcode,longjump) %>% select(year_code,long_jump)  %>%
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:49:1: style: Variable and function names sho
## LongJump_tidy <-bind_cols(yearcode,longjump) %>% select(year_code,long_jump)  %>%
## ^~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:49:15: style: Put spaces around all infix op
## LongJump_tidy <-bind_cols(yearcode,longjump) %>% select(year_code,long_jump)  %>%
##               ^~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:49:36: style: Commas should always have a sp
## LongJump_tidy <-bind_cols(yearcode,longjump) %>% select(year_code,long_jump)  %>%
##                                    ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:49:67: style: Commas should always have a sp
## LongJump_tidy <-bind_cols(yearcode,longjump) %>% select(year_code,long_jump)  %>%
##                                                                   ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:49:82: style: Trailing whitespace is superf
## LongJump_tidy <-bind_cols(yearcode,longjump) %>% select(year_code,long_jump)  %>%
##                                                                                 ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:50:68: style: Trailing whitespace is superf
##   filter(!is.na(year_code)) %>% mutate(year = year_code + 1990) %>%
##                                                                   ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:51:20: style: Commas should always have a sp
##   select(year_code,year,long_jump)
##                    ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:51:25: style: Commas should always have a sp
##   select(year_code,year,long_jump)
##                         ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:53:15: style: Variable and function names sl
## kable(summary(LongJump_tidy), caption="Long Jump data summary")
##               ^~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:53:38: style: Put spaces around all infix op
## kable(summary(LongJump_tidy), caption="Long Jump data summary")
##                                      ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:59:1: style: lines should not be more than 8
## BrainBody_data <- read.table("BrainandBodyWeight.txt",header = F,fill = T, skip = 1)
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:59:1: style: Variable and function names sho
## BrainBody_data <- read.table("BrainandBodyWeight.txt",header = F,fill = T, skip = 1)
## ^~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:59:55: style: Commas should always have a sp
## BrainBody_data <- read.table("BrainandBodyWeight.txt",header = F,fill = T, skip = 1)
##                                                       ^
```

4

```
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:59:66: style: Commas should always have a s
## BrainBody_data <- read.table("BrainandBodyWeight.txt",header = F,fill = T, skip = 1)
##                                                                 ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:60:10: style: Variable and function names s
## colnames(BrainBody_data) <- rep(c("Brain","Body"),times = 3)
##          ^~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:60:43: style: Commas should always have a s
## colnames(BrainBody_data) <- rep(c("Brain","Body"),times = 3)
##                                           ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:60:51: style: Commas should always have a s
## colnames(BrainBody_data) <- rep(c("Brain","Body"),times = 3)
##                                                   ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:61:1: style: lines should not be more than 8
## BrainBody_tidy <- rbind(BrainBody_data[,1:2],BrainBody_data[,3:4], BrainBody_data[,5:6]) %>%
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:61:1: style: Variable and function names sh
## BrainBody_tidy <- rbind(BrainBody_data[,1:2],BrainBody_data[,3:4], BrainBody_data[,5:6]) %>%
## ^~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:61:25: style: Variable and function names s
## BrainBody_tidy <- rbind(BrainBody_data[,1:2],BrainBody_data[,3:4], BrainBody_data[,5:6]) %>%
##                         ^~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:61:41: style: Commas should always have a s
## BrainBody_tidy <- rbind(BrainBody_data[,1:2],BrainBody_data[,3:4], BrainBody_data[,5:6]) %>%
##                                         ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:61:46: style: Commas should always have a s
## BrainBody_tidy <- rbind(BrainBody_data[,1:2],BrainBody_data[,3:4], BrainBody_data[,5:6]) %>%
##                                              ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:61:46: style: Variable and function names s
## BrainBody_tidy <- rbind(BrainBody_data[,1:2],BrainBody_data[,3:4], BrainBody_data[,5:6]) %>%
##                                              ^~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:61:62: style: Commas should always have a s
## BrainBody_tidy <- rbind(BrainBody_data[,1:2],BrainBody_data[,3:4], BrainBody_data[,5:6]) %>%
##                                                              ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:61:68: style: Variable and function names s
## BrainBody_tidy <- rbind(BrainBody_data[,1:2],BrainBody_data[,3:4], BrainBody_data[,5:6]) %>%
##                                                                    ^~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:61:84: style: Commas should always have a s
## BrainBody_tidy <- rbind(BrainBody_data[,1:2],BrainBody_data[,3:4], BrainBody_data[,5:6]) %>%
##                                                                                    ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:61:93: style: Trailing whitespace is superf
## BrainBody_tidy <- rbind(BrainBody_data[,1:2],BrainBody_data[,3:4], BrainBody_data[,5:6]) %>%
##                                                                                             ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:64:15: style: Variable and function names s
## kable(summary(BrainBody_tidy), caption="Brain/Body weight data summary")
##               ^~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:64:39: style: Put spaces around all infix o
## kable(summary(BrainBody_tidy), caption="Brain/Body weight data summary")
##                                       ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:71:1: style: lines should not be more than 8
## Tomato_data <- read.table("tomato.txt",header = F, fill = T,skip = 2,comment.char = "")
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:71:40: style: Commas should always have a s
## Tomato_data <- read.table("tomato.txt",header = F, fill = T,skip = 2,comment.char = "")
##                                        ^
```

```
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:71:61: style: Commas should always have a sp
## Tomato_data <- read.table("tomato.txt",header = F, fill = T,skip = 2,comment.char = "")
##                                                             ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:71:70: style: Commas should always have a sp
## Tomato_data <- read.table("tomato.txt",header = F, fill = T,skip = 2,comment.char = "")
##                                                                      ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:73:38: style: Commas should always have a sp
## colnames(Tomato_data) <- c("variety","C10000","C20000","C30000")
##                                      ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:73:47: style: Commas should always have a sp
## colnames(Tomato_data) <- c("variety","C10000","C20000","C30000")
##                                               ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:73:56: style: Commas should always have a sp
## colnames(Tomato_data) <- c("variety","C10000","C20000","C30000")
##                                                        ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:76:45: style: Commas should always have a sp
## Tomato_tidy <- Tomato_data %>% gather(clone,value,C10000:C30000) %>%
##                                             ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:76:51: style: Commas should always have a sp
## Tomato_tidy <- Tomato_data %>% gather(clone,value,C10000:C30000) %>%
##                                                   ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:76:69: style: Trailing whitespace is superfl
## Tomato_tidy <- Tomato_data %>% gather(clone,value,C10000:C30000) %>%
##                                                                     ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:77:1: style: lines should not be more than 8
##                 separate(value,into = paste("replicate",1:3,sep = ""),sep = ",") %>%
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:77:34: style: Commas should always have a sp
##                 separate(value,into = paste("replicate",1:3,sep = ""),sep = ",") %>%
##                                ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:77:59: style: Commas should always have a sp
##                 separate(value,into = paste("replicate",1:3,sep = ""),sep = ",") %>%
##                                                         ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:77:63: style: Commas should always have a sp
##                 separate(value,into = paste("replicate",1:3,sep = ""),sep = ",") %>%
##                                                             ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:77:73: style: Commas should always have a sp
##                 separate(value,into = paste("replicate",1:3,sep = ""),sep = ",") %>%
##                                                                       ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:77:87: style: Trailing whitespace is superfl
##                 separate(value,into = paste("replicate",1:3,sep = ""),sep = ",") %>%
##                                                                                     ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:78:36: style: Commas should always have a sp
##                 gather(replicate,value,replicate1:replicate3) %>%
##                                  ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:78:42: style: Commas should always have a sp
##                 gather(replicate,value,replicate1:replicate3) %>%
##                                        ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:79:1: style: lines should not be more than 8
##                 mutate(clone = parse_number(clone), replicate = parse_number(replicate)) %>%
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:80:32: style: Commas should always have a sp
##                 select(clone,replicate,value,variety) %>%
##                              ^
```

```
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:80:42: style: Commas should always have a s
##                   select(clone,replicate,value,variety) %>%
##                                          ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:80:48: style: Commas should always have a s
##                   select(clone,replicate,value,variety) %>%
##                                                ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:80:60: style: Trailing whitespace is superf
##                   select(clone,replicate,value,variety) %>%
##                                                            ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:81:35: style: Commas should always have a s
##                   arrange(variety,clone,replicate)
##                                  ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:81:41: style: Commas should always have a s
##                   arrange(variety,clone,replicate)
##                                        ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:83:36: style: Put spaces around all infix o
## kable(summary(Tomato_tidy), caption="Tomato data summary")
##                                    ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:95:1: style: lines should not be more than 8
## .datapath <- file.path(path.package('swirl'), 'Courses', 'R_Programming_E', 'Looking_at_Data',
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:95:37: style: Only use double-quotes.
## .datapath <- file.path(path.package('swirl'), 'Courses', 'R_Programming_E', 'Looking_at_Data',
##                                     ^~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:95:47: style: Only use double-quotes.
## .datapath <- file.path(path.package('swirl'), 'Courses', 'R_Programming_E', 'Looking_at_Data',
##                                               ^~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:95:58: style: Only use double-quotes.
## .datapath <- file.path(path.package('swirl'), 'Courses', 'R_Programming_E', 'Looking_at_Data',
##                                                          ^~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:95:77: style: Only use double-quotes.
## .datapath <- file.path(path.package('swirl'), 'Courses', 'R_Programming_E', 'Looking_at_Data',
##                                                                             ^~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:96:1: style: Only use double-quotes.
## 'plant-data.txt')
## ^~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:97:42: style: Put spaces around all infix o
## plants <- read.csv(.datapath, strip.white=TRUE, na.strings="")
##                                          ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:97:59: style: Put spaces around all infix o
## plants <- read.csv(.datapath, strip.white=TRUE, na.strings="")
##                                                           ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:99:15: style: Only use double-quotes.
## .cols2rm <- c('Accepted.Symbol', 'Synonym.Symbol')
##               ^~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:99:34: style: Only use double-quotes.
## .cols2rm <- c('Accepted.Symbol', 'Synonym.Symbol')
##                                  ^~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:99:51: style: Trailing whitespace is superf
## .cols2rm <- c('Accepted.Symbol', 'Synonym.Symbol')
##                                                   ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:102:1: style: lines should not be more than
## names(plants) <- c('Scientific_Name', 'Duration', 'Active_Growth_Period', 'Foliage_Color', 'pH_Min',
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

```
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:102:20: style: Only use double-quotes.
## names(plants) <- c('Scientific_Name', 'Duration', 'Active_Growth_Period', 'Foliage_Color', 'pH_Min',
##                    ^~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:102:39: style: Only use double-quotes.
## names(plants) <- c('Scientific_Name', 'Duration', 'Active_Growth_Period', 'Foliage_Color', 'pH_Min',
##                                       ^~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:102:51: style: Only use double-quotes.
## names(plants) <- c('Scientific_Name', 'Duration', 'Active_Growth_Period', 'Foliage_Color', 'pH_Min',
##                                                   ^~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:102:75: style: Only use double-quotes.
## names(plants) <- c('Scientific_Name', 'Duration', 'Active_Growth_Period', 'Foliage_Color', 'pH_Min',
##                                                                           ^~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:102:92: style: Only use double-quotes.
## names(plants) <- c('Scientific_Name', 'Duration', 'Active_Growth_Period', 'Foliage_Color', 'pH_Min',
##                                                                                            ^~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:102:102: style: Only use double-quotes.
## names(plants) <- c('Scientific_Name', 'Duration', 'Active_Growth_Period', 'Foliage_Color', 'pH_Min',
##
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:103:20: style: Only use double-quotes.
##                   'Precip_Min', 'Precip_Max',
##                   ^~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:103:34: style: Only use double-quotes.
##                   'Precip_Min', 'Precip_Max',
##                                 ^~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:104:20: style: Only use double-quotes.
##                   'Shade_Tolerance', 'Temp_Min_F')
##                   ^~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:104:39: style: Only use double-quotes.
##                   'Shade_Tolerance', 'Temp_Min_F')
##                                     ^~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:106:29: style: Only use double-quotes.
## plants <- plants %>% select('Foliage_Color','pH_Min','pH_Max') %>%
##                             ^~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:106:45: style: Only use double-quotes.
## plants <- plants %>% select('Foliage_Color','pH_Min','pH_Max') %>%
##                                             ^~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:106:45: style: Commas should always have a s
## plants <- plants %>% select('Foliage_Color','pH_Min','pH_Max') %>%
##                                             ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:106:54: style: Only use double-quotes.
## plants <- plants %>% select('Foliage_Color','pH_Min','pH_Max') %>%
##                                                      ^~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:106:54: style: Commas should always have a s
## plants <- plants %>% select('Foliage_Color','pH_Min','pH_Max') %>%
##                                                      ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:106:67: style: Trailing whitespace is super
## plants <- plants %>% select('Foliage_Color','pH_Min','pH_Max') %>%
##                                                                   ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:107:1: style: lines should not be more than
##           mutate(pH_Coveragenterval = pH_Max - pH_Min,Foliage_Color = as.factor(Foliage_Color)) %>%
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:107:39: style: Variable and function names
##           mutate(pH_Coveragenterval = pH_Max - pH_Min,Foliage_Color = as.factor(Foliage_Color)) %>%
##                                       ^~~~~
```

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```
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:107:48: style: Variable and function names s
##           mutate(pH_Coveragenterval = pH_Max - pH_Min,Foliage_Color = as.factor(Foliage_Color)) %>%
##                                       ^~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:107:55: style: Commas should always have a s
##           mutate(pH_Coveragenterval = pH_Max - pH_Min,Foliage_Color = as.factor(Foliage_Color)) %>%
##                                                       ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:108:25: style: Variable and function names s
##           filter(!is.na(pH_Coveragenterval) & !is.na(Foliage_Color))
##                         ^~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:109:21: style: Variable and function names s
## lm1 <- lm(formula = pH_Coveragenterval~Foliage_Color+0,data = plants)
##                     ^~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:109:53: style: Put spaces around all infix o
## lm1 <- lm(formula = pH_Coveragenterval~Foliage_Color+0,data = plants)
##                                                     ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:109:56: style: Commas should always have a s
## lm1 <- lm(formula = pH_Coveragenterval~Foliage_Color+0,data = plants)
##                                                        ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:111:12: style: Variable and function names s
## av1 <- aov(pH_Coveragenterval~Foliage_Color+0,data = plants)
##            ^~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:111:44: style: Put spaces around all infix o
## av1 <- aov(pH_Coveragenterval~Foliage_Color+0,data = plants)
##                                            ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:111:47: style: Commas should always have a s
## av1 <- aov(pH_Coveragenterval~Foliage_Color+0,data = plants)
##                                               ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:123:1: style: lines should not be more than
## Car_Gebreken_select <- fread(input = "Open_Data_RDW__Gebreken.csv", header = T, select=c(1,6), showP:
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:123:87: style: Put spaces around all infix o
## Car_Gebreken_select <- fread(input = "Open_Data_RDW__Gebreken.csv", header = T, select=c(1,6), showP:
##                                                                                       ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:123:92: style: Commas should always have a s
## Car_Gebreken_select <- fread(input = "Open_Data_RDW__Gebreken.csv", header = T, select=c(1,6), showP:
##                                                                                            ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:123:108: style: Put spaces around all infix
## Car_Gebreken_select <- fread(input = "Open_Data_RDW__Gebreken.csv", header = T, select=c(1,6), showP:
##
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:125:1: style: lines should not be more than
## Car_Geconstat_select <- fread(input = "Open_Data_RDW__Geconstateerde_Gebreken.csv", header=T, select=
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:125:91: style: Put spaces around all infix o
## Car_Geconstat_select <- fread(input = "Open_Data_RDW__Geconstateerde_Gebreken.csv", header=T, select=
##                                                                                         ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:125:101: style: Put spaces around all infix
## Car_Geconstat_select <- fread(input = "Open_Data_RDW__Geconstateerde_Gebreken.csv", header=T, select=
##                                                                                                   ~^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:125:106: style: Commas should always have a
## Car_Geconstat_select <- fread(input = "Open_Data_RDW__Geconstateerde_Gebreken.csv", header=T, select=
##
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:125:108: style: Commas should always have a
## Car_Geconstat_select <- fread(input = "Open_Data_RDW__Geconstateerde_Gebreken.csv", header=T, select=
##
```

```
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:125:111: style: Commas should always have a
## Car_Geconstat_select <- fread(input = "Open_Data_RDW__Geconstateerde_Gebreken.csv", header=T, select=
##
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:125:123: style: Put spaces around all infix
## Car_Geconstat_select <- fread(input = "Open_Data_RDW__Geconstateerde_Gebreken.csv", header=T, select=
##
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:127:1: style: lines should not be more than
## Car_Person_select <- fread(input = "Personenauto_basisdata.csv", header=T, showProgress = F, select =
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:127:72: style: Put spaces around all infix
## Car_Person_select <- fread(input = "Personenauto_basisdata.csv", header=T, showProgress = F, select =
##                                                                         ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:127:107: style: Commas should always have a
## Car_Person_select <- fread(input = "Personenauto_basisdata.csv", header=T, showProgress = F, select =
##
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:127:109: style: Commas should always have a
## Car_Person_select <- fread(input = "Personenauto_basisdata.csv", header=T, showProgress = F, select =
##
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:128:1: style: lines should not be more than
## Car_Geconstat_select_2017 <- Car_Geconstat_select[grep("2017",Car_Geconstat_select$"Meld datum door l
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:128:63: style: Commas should always have a
## Car_Geconstat_select_2017 <- Car_Geconstat_select[grep("2017",Car_Geconstat_select$"Meld datum door l
##                                                               ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:128:121: style: Commas should always have a
## Car_Geconstat_select_2017 <- Car_Geconstat_select[grep("2017",Car_Geconstat_select$"Meld datum door l
##
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:133:1: style: lines should not be more than
## Merged_Geconstat_Person <- merge(Car_Geconstat_select,Car_Person_select,by = 'Kenteken',all = T)
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:133:55: style: Commas should always have a
## Merged_Geconstat_Person <- merge(Car_Geconstat_select,Car_Person_select,by = 'Kenteken',all = T)
##                                                       ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:133:73: style: Commas should always have a
## Merged_Geconstat_Person <- merge(Car_Geconstat_select,Car_Person_select,by = 'Kenteken',all = T)
##                                                                         ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:133:78: style: Only use double-quotes.
## Merged_Geconstat_Person <- merge(Car_Geconstat_select,Car_Person_select,by = 'Kenteken',all = T)
##                                                                              ^~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:133:89: style: Commas should always have a
## Merged_Geconstat_Person <- merge(Car_Geconstat_select,Car_Person_select,by = 'Kenteken',all = T)
##                                                                                         ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:134:1: style: lines should not be more than
## Merged_All <- merge(Merged_Geconstat_Person,Car_Gebreken_select,by = 'Gebrek identificatie',all = T)
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:134:45: style: Commas should always have a
## Merged_All <- merge(Merged_Geconstat_Person,Car_Gebreken_select,by = 'Gebrek identificatie',all = T)
##                                             ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:134:65: style: Commas should always have a
## Merged_All <- merge(Merged_Geconstat_Person,Car_Gebreken_select,by = 'Gebrek identificatie',all = T)
##                                                                 ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:134:70: style: Only use double-quotes.
## Merged_All <- merge(Merged_Geconstat_Person,Car_Gebreken_select,by = 'Gebrek identificatie',all = T)
##                                                                      ^~~~~~~~~~~~~~~~~~~~~~
```

```
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:134:93: style: Commas should always have a s
## Merged_All <- merge(Merged_Geconstat_Person,Car_Gebreken_select,by = 'Gebrek identificatie',all = T)
##                                                                                                    ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:134:101: style: Trailing whitespace is supe
## Merged_All <- merge(Merged_Geconstat_Person,Car_Gebreken_select,by = 'Gebrek identificatie',all = T)
##                                                                                                     ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:138:1: style: lines should not be more than
## colnames(Merged_All) <- c("defect_code","liscence_plate","inspection_date","make","model","defect_de
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:138:41: style: Commas should always have a s
## colnames(Merged_All) <- c("defect_code","liscence_plate","inspection_date","make","model","defect_de
##                                         ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:138:58: style: Commas should always have a s
## colnames(Merged_All) <- c("defect_code","liscence_plate","inspection_date","make","model","defect_de
##                                                          ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:138:76: style: Commas should always have a s
## colnames(Merged_All) <- c("defect_code","liscence_plate","inspection_date","make","model","defect_de
##                                                                            ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:138:83: style: Commas should always have a s
## colnames(Merged_All) <- c("defect_code","liscence_plate","inspection_date","make","model","defect_de
##                                                                                   ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:138:91: style: Commas should always have a s
## colnames(Merged_All) <- c("defect_code","liscence_plate","inspection_date","make","model","defect_de
##                                                                                           ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:140:3: style: Use <-, not =, for assignment
## s = apply(Merged_All,MARGIN = 1,function(x) sum(is.na(x)))>0
##   ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:140:22: style: Commas should always have a s
## s = apply(Merged_All,MARGIN = 1,function(x) sum(is.na(x)))>0
##                      ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:140:33: style: Commas should always have a s
## s = apply(Merged_All,MARGIN = 1,function(x) sum(is.na(x)))>0
##                                 ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:140:59: style: Put spaces around all infix o
## s = apply(Merged_All,MARGIN = 1,function(x) sum(is.na(x)))>0
##                                                           ~^~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:147:45: style: Commas should always have a s
## Merged_tidy_2017 <- Merged_tidy[grep("2017",Merged_tidy$inspection_date),]
##                                             ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:147:74: style: Commas should always have a s
## Merged_tidy_2017 <- Merged_tidy[grep("2017",Merged_tidy$inspection_date),]
##                                                                          ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:155:55: style: Commas should always have a s
## summary1 <- Merged_tidy_2017 %>% group_by(defect_code,make) %>%
##                                                       ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:155:64: style: Trailing whitespace is super
## summary1 <- Merged_tidy_2017 %>% group_by(defect_code,make) %>%
##                                                                ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:156:64: style: Trailing whitespace is super
##   summarise(make_frequency = n()) %>% group_by(defect_code) %>%
##                                                                ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:157:53: style: Trailing whitespace is super
##   mutate(defect_frequency = sum(make_frequency)) %>%
##                                                     ^
```

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```
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:158:52: style: Trailing whitespace is super:
##   mutate(top_make_number = max(make_frequency)) %>%
##                                                    ^~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:159:50: style: Trailing whitespace is super:
##   filter(make_frequency %in% top_make_number) %>%
##                                                  ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:160:38: style: Trailing whitespace is super:
##   arrange(desc(defect_frequency)) %>%
##                                      ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:162:1: style: lines should not be more than
## kable(summary1[1:5,],caption = "Top 5 mose frequent defects and the top coresponding make")
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:162:20: style: Commas should always have a :
## kable(summary1[1:5,],caption = "Top 5 mose frequent defects and the top coresponding make")
##                    ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:162:22: style: Commas should always have a :
## kable(summary1[1:5,],caption = "Top 5 mose frequent defects and the top coresponding make")
##                      ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:170:22: style: Commas should always have a :
## kable(head(summary2),caption = "number of distinct defects observed by it make")
##                      ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:171:2: style: Commented code should be remo
## #fit1 <- lm(number_defect~make,data = summary2)
##   ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:178:1: style: lines should not be more than
## kable(head(summary3),caption = "number of distinct defects observed by it model")
## ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:178:22: style: Commas should always have a :
## kable(head(summary3),caption = "number of distinct defects observed by it model")
##                      ^
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:179:2: style: Commented code should be remo
## #fit2 <- lm(number_defect~model,data = summary3)
##   ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
## ../02_data_munging_summarizing_R_git/HW2_Wang_Yueyao.Rmd:187:1: style: Trailing blank lines are supe:
##
## ^
```