

# HW2\_\_Blevins\_\_Matthew

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## Problems 1-3

I successfully completed problems 1-3 to begin this assignment and create the file in the correct location.

## Problem 4

There are several valuable uses to utilizing version control in the classroom. It allows others to work with existing code without getting rid of the original code. This could be very useful in showing students what happens if certain things are changed. It could also be very useful in working on group assignments because it provides a way for others to edit the code while still being able to revert to the original code if a bug is introduced.

## Problem 5

The code from problem 5 and 7 came from the solution posted on Dr. Settlage's github repository.

```
## Warning: package 'bindrcpp' was built under R version 3.3.3
```

Table 1: Sensory data summary

Item	Person	value
Length:150	Length:150	Min. :0.700
Class :character	Class :character	1st Qu.:3.025
Mode :character	Mode :character	Median :4.700
NA	NA	Mean :4.657
NA	NA	3rd Qu.:6.000
NA	NA	Max. :9.400

Table 2: Long Jump data summary

YearCode	Year	dist
Min. :-4.00	Min. :1896	Min. :249.8
1st Qu.:21.00	1st Qu.:1921	1st Qu.:295.4
Median :50.00	Median :1950	Median :308.1
Mean :45.45	Mean :1945	Mean :310.3
3rd Qu.:71.00	3rd Qu.:1971	3rd Qu.:327.5
Max. :92.00	Max. :1992	Max. :350.5

Table 3: Brain/Body weight data summary

Brain	Body
Min. : 0.005	Min. : 0.10
1st Qu.: 0.600	1st Qu.: 4.25
Median : 3.342	Median : 17.25
Mean : 198.790	Mean : 283.13
3rd Qu.: 48.203	3rd Qu.: 166.00
Max. :6654.000	Max. :5712.00

Table 4: Tomato data summary

Clone	Replicate	value	Variety
Length:18	Length:18	Length:18	Length:18
Class :character	Class :character	Class :character	Class :character
Mode :character	Mode :character	Mode :character	Mode :character

## Problem 6

Table 5: Plants Tidy Data

Scientific_Name	Duration	Active_Growth_Period	Foliage_Color	pH_Min
Abelmoschus : 1	Perennial :3031	Spring and Summer : 447	Dark Green : 82	Min. :3.00
Abelmoschus esculentus : 1	Annual : 682	Spring : 144	Gray-Green : 25	1st Qu.:4.5
Abies : 1	Annual, Perennial: 179	Spring, Summer, Fall: 95	Green : 692	Median :5.0
Abies balsamea : 1	Annual, Biennial : 95	Summer : 92	Red : 4	Mean :4.9
Abies balsamea var. balsamea: 1	Biennial : 57	Summer and Fall : 24	White-Gray : 9	3rd Qu.:5.5
Abutilon : 1	(Other) : 92	(Other) : 30	Yellow-Green: 20	Max. :7.00
(Other) :5160	NA's :1030	NA's :4334	NA's :4334	NA's :432

## Problem 7

```
## [1] "Gebreken"
## C:/Users/Matthew Blevins/Documents/Open_Data_RDW__Gebreken.csv
## "character"
## [1] "Geconstat"
## C:/Users/Matthew Blevins/Documents/Open_Data_RDW__Geconstateerde_Gebreken.csv
## "character"
## [1] "Personen"
## C:/Users/Matthew Blevins/Documents/Personenauto_basisdata.csv
## "character"
```