Lab 1 - Reproducible research with RMarkdown and Github

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Exercise 1

"##" and "####" are both headers. "##" symbols are Header with bigger font size and if you add "#" more, the font size gets smaller. Here is the example :

Header

Header

Exercise 2

- *What happens when you surround text with one-star pairs?* -> italic
- **What happens when you surround text with two-star pairs?** -> bold
- ***What happens when you surround text with three-star pairs?*** -> bold and italic

1. Start typing this list. Note there are two spaces between the period and the word "Start".
2. Type the second line of the list
3. What happens if I type step 3 as another step 1?

- What does this star at the beginning do? -> Bullet points
- Visually, it's similar to the numbered list.

1. What happens if we nest a list?
    1. Type four spaces, then type the number 3
    2. Did this do what you expected? yes
2. What if we contine the numbers this way?
    - What happens if we indent using stars? indented bullet points appear.
    - Let's add another one for good measure.
        - Can we get another level of nesting? yes

What does this do?

Exercise 3

Table 1: The table with poor spacing

Column 1	Column 2	Column 3	Column 4
Notice	what	the	colons
are	doing?		

Table 2: The table with good spacing

Column 1	Column 2	Column 3	Column 4
Notice	what	the	colons
are	doing?		

Exercise 4

Column 1	Column 2	Column 3	Column 4	Column 5
Notice	what	the	colons	newnew
are	doing?			

Exercise 5

```
qplot(x = displ, y = hwy, data = mpg)
```
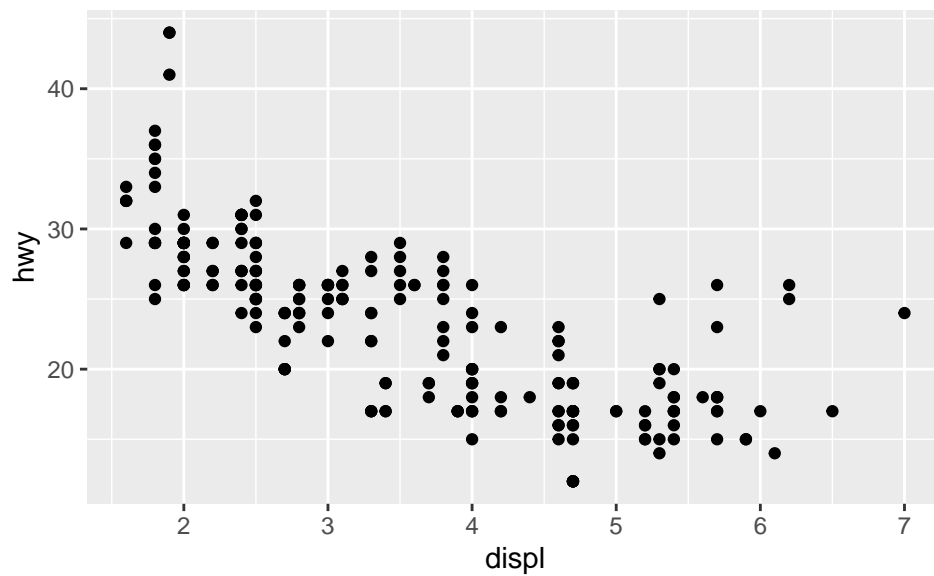

Exercise 6

```
print(mpg)
```

```
## # A tibble: 234 x 11
##    manufacturer model      displ  year   cyl trans drv     cty   hwy fl    class
##    <chr>        <chr>      <dbl> <int> <int> <chr> <chr> <int> <int> <chr> <chr>
##  1 audi         a4           1.8  1999     4 auto~ f        18    29 p     comp~
##  2 audi         a4           1.8  1999     4 manu~ f        21    29 p     comp~
##  3 audi         a4           2    2008     4 manu~ f        20    31 p     comp~
##  4 audi         a4           2    2008     4 auto~ f        21    30 p     comp~
##  5 audi         a4           2.8  1999     6 auto~ f        16    26 p     comp~
##  6 audi         a4           2.8  1999     6 manu~ f        18    26 p     comp~
##  7 audi         a4           3.1  2008     6 auto~ f        18    27 p     comp~
##  8 audi         a4 quattro   1.8  1999     4 manu~ 4        18    26 p     comp~
##  9 audi         a4 quattro   1.8  1999     4 auto~ 4        16    25 p     comp~
## 10 audi         a4 quattro   2    2008     4 manu~ 4        20    28 p     comp~
## # ... with 224 more rows
```