# 1. Check to see if you have the `mtcars` dataset

#(which is included in the `datasets` package)

# 2. What class is `mtcars`?

# 3. How many observations (rows) and variables (columns) are in the `mtcars` dataset?

# 4. Select the subset of rows that get more than 20 miles

# per gallon (mpg) of fuel efficiency - how many are there?

# 5. Select the subset of rows that get less than 16 miles

# per gallon (mpg) of fuel efficiency and have more than

#100 horsepower (hp) - how many are there?

# 6. Create a subset of the data that only contains the columns:

#wt, qsec, and hp for only the cars that have 8 cylinders

#and assign this object to `carsSub` -

#what are the dimensions of this dataset?

# 7. Convert the column names of `carsSub` to all upper case

# 8. Re-order the rows of `carsSub` by weight in increasing order