Recall the sulfur dioxide emissions data that we were reading last week. Now we have some more sophisticated tools. Start with may29.ex1 and make some improvements.

a) Clean up by dropping variables not needed or keeping variables that are needed. Write both a drop and a keep statement where the use of either leads to the same results. Comment one of them out.

b) Make two datasets in the same data step, where one dataset has facility information where the lat/lon information is known, another dataset where lat and lon are zero (and presumed missing).

c) For each of the two datasets, create the same chart of small/medium/large facilities (number and sum) as we did previously.

Hint: to override SAS' first use for the length of a character variable, use the length statement:

\[
\text{length size $8$ ;}
\]

Submit your output and log and answer any questions. Don't forget your toes!