

## Assignment 1.13 – Class coercion

Write a R script that provides answers to the following questions. If any questions need direct answers, give them in a comment.

1. Load the data set **InsectSprays** and use it to accomplish the following coercions:
  - a. Convert the `spray` column to a numeric vector.
  - b. Convert the `spray` column to a characters vector.
  - c. Convert the `count` column into an integer vector.
  - d. Use any mathematical expression with a comparison operator to convert the `count` column into a logical vector.
  - e. Convert the logical vector in part a.4 into a numeric vector.
2. Load the data set **state**. This is a series of 5 vectors of different lengths and compositions and 1 array. Make these all into a single list with 6 members called **state.info**. Make sure that each member of the list has a name.
3. Can you convert **state.info** into a data frame? If so, write the code. If not, explain why.

Turn in your R script.