Assignment 1.11 – Lists

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

a. In a comment answer: what are the differences between lists and data frames? When is it best to use a list versus a data frame?

b. Create a list named `my.list` that contains at least three members of three different data types/classes. Include the name in the next line so that R prints the list as output.

c. Load the data set `ability.cov` and use it to perform the following:

   c.1. Write a line of code that indexes the covariance value (`cov`) for reading and vocab.

   c.2. Write another line of code that indexes the covariance value for general and maze.

   c.3. Subset the covariance value matrix (`cov`) so it shows only values associated with blocks.

Turn in your R script.