## Assignment 1.9 – Arrays

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

a. Create a three-dimensional array using `sample()` to generate data and store it in a variable called `my3Darray`. (The function `sample()` can be used to generate random whole numbers from a range you specify.) Use this array to answer the following questions.

    i. What dimensions are your 3D array?

    ii. How could you subset a part of your array to a single 2D matrix? Create a working example.

b. Create a four-dimensional array using `sample()` to generate data and store it in a variable called `my4Darray`.

    i. What dimensions are your 4D array?

    ii. How could you subset a part of your array to a single 2D matrix? Create a working example.

    iii. How could you subset a part of your array to a single 3D array? Create a working example.

Turn in your R script.