Data Structures in R Assignment

## **Problem Statement:**

Implement these data structures in R to get a better understanding

## Questions:

1. Create these vectors:
   1. A character vector named ‘fruits’ with these values: ‘Apple’, ‘Guava’, ‘Banana’, ‘Mango’
   2. A numeric vector named ‘hundred’ comprising of the first 100 natural numbers
   3. A logical vector named ‘logic\_game’ with these values: ‘TRUE’,’TRUE’,’FALSE’,’FALSE’
2. Create a list named ‘jumbo’ which comprises of:
   1. A character vector comprising of alphabets from A to D
   2. A numeric vector comprising of numbers from 55 to 60
   3. A logical vector comprising of just these two values: True, False
      1. Now, access the third value from the first element of the list
      2. Access the 2nd value from the 2nd element of the list
      3. Access the 1st value from the 3rd element of the list
3. Create a matrix named ‘four\_trouble’, with the numbers 1 to 16. The matrix should have 4 rows & 4 columns
   1. Arrange the elements by row
4. Create an array named ‘sky\_maze’ with the numbers 1 to 32. The array should comprise of two 4\*4 matrices