Practice Exercise #41: Sum Array

http://www.comp.nus.edu.sg/~cs1010/4_misc/practice.html

Reference: Week 10 Lecture, Exercise #5

Date of release: 20 October 2014

Objectives: Recursion, array

Task statement:

Write a program **sum_array_recursion.c** to read data into an integer array with at most 10 elements, and sum up all values in the array, using a recursive function:

<div align="center">

`int sumArray(int arr[], int size)`

</div>

Sample runs:

```
Enter number of elements: 6
Enter 6 values: 4 3 -2 0 1 3
Array read: 4 3 -2 0 1 3
Sum = 9

Enter number of elements: 8
Enter 8 values: 11 25 56 8 12 7 31 16
Array read: 11 25 56 8 12 7 31 16
Sum = 166
```