

## Practice Exercise #06: Row and Column Sums

[http://www.comp.nus.edu.sg/~cs1020/4\\_misc/practice.html](http://www.comp.nus.edu.sg/~cs1020/4_misc/practice.html)

**Reference:** Week 2 2D Array

### Objectives:

1. Using two-dimensional array.

### Task statement:

Write a program **RowColSums.java** to read in a two-dimensional integer (int) array and compute its row sums and column sums. You may assume that there is at least one row and one column in the array.

Your row sums and column sums should be computed in the **computeRowSums()** and **computeColSums()** methods and assigned into a **rowSums** array and **colSums** array respectively, and then their elements printed out. Check out the skeleton program given.

### Sample run:

Enter number of rows and columns: 2 5

Enter values for 2D array:

4 6 -3 0 9

2 -8 5 6 8

Row sums: [16, 13]

Column sums: [6, -2, 2, 6, 17]