# Program 2 Multidimensional Arrays

### **IMPORTANT**

## Before you start working on this Lab:

- 1. If you are not familiar with using **Visual Studio Code (VSC)**, please read (and practice using) the file of Lab01 assigned in IT 168. You will find it attached to this assignment.
- 2. Please watch the assigned video about Multidimensional Arrays (the entire list of videos that we will use in IT 179 is given on ReggieNet->Overview).

### Write a Java program **TwoDArray**. java that:

- o Creates a 2D array M of nbRows x nbCols of random integers between 0 and 9 where nbRows and nbCols are two constant set to 5.
- Print out the array M (with \t between elements), the sum of each row, the sum of each column, and the sum of all elements of the array as shown in Figure 1.

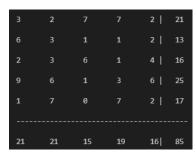


Figure 1. Expected Output

### Submission:

Please submit ONLY the file TwoDArray. java.

Note: There is a **mistake** in this document. If you find it, you will get **3 extra credit points**.