**Short (Part 2)**

**Directions:**

1. Create the following methods in the class *Short.java*

* *sum(int[][] arry)*  - returns the sum of every element in two-dimensional array *arry*
* *min(int[][] arry)* – returns the smallest ELEMENT contained within *arry*
* *size(int[][] arry)* – Assuming that the two-dimensional array is not ragged, this method returns the total number of elements in arry
* *print2DArray(int[][] arry)* – A *void* method that prints a two-dimensional array in table format

2. Create another class, Short2Main, and complete the rest of the instructions in that class.

3. Instantiate a two-dimensional array containing the elements below:

2 4 6 8

1 3 5 7

9 8 7 6

4. Use the print2DArray method to print the above array.

5. Use .length to print the number of Rows in the array

6. Use .length to print the number of columns in the first row of the array

7. Use the size method to print the number of elements in the array

8. Print the sum of the elements in the array

9. Print the smallest number in the array

**Correct Printout)**

2 4 6 8

1 3 5 7

9 8 7 6

Rows: 3

Cols: 4

Total Elements: 12

Sum of elements: 66

Smallest element: 1