Worksheet: 2D Array Practice 1

1. Write the statement that will declare a variable and initialize it to **an array**:

a)	of ten `doubles`, all initialized to `0.0`	
b)	of `String` array containing the names of three fruit	

2. Write the statement that will declare a variable and initialize it to **a two-dimensional array**:

a)	of `double` with ten rows and twelve columns.	
b)	of `String` with five rows and four columns.	
c)	of `int`, with three rows and four columns, initialized each array value using literal values equal to the sum of the row and column (`row+column`).	

3. Write nested **enhanced `for`** loops to print the values in the array: each row on a new line, with each value in a row separated by a tab character.

4. Write a **method** named `sumTable` that takes a two-dimensional array of `double` named `table` and uses nested **enhanced `for`** loops to sum the values in the array.

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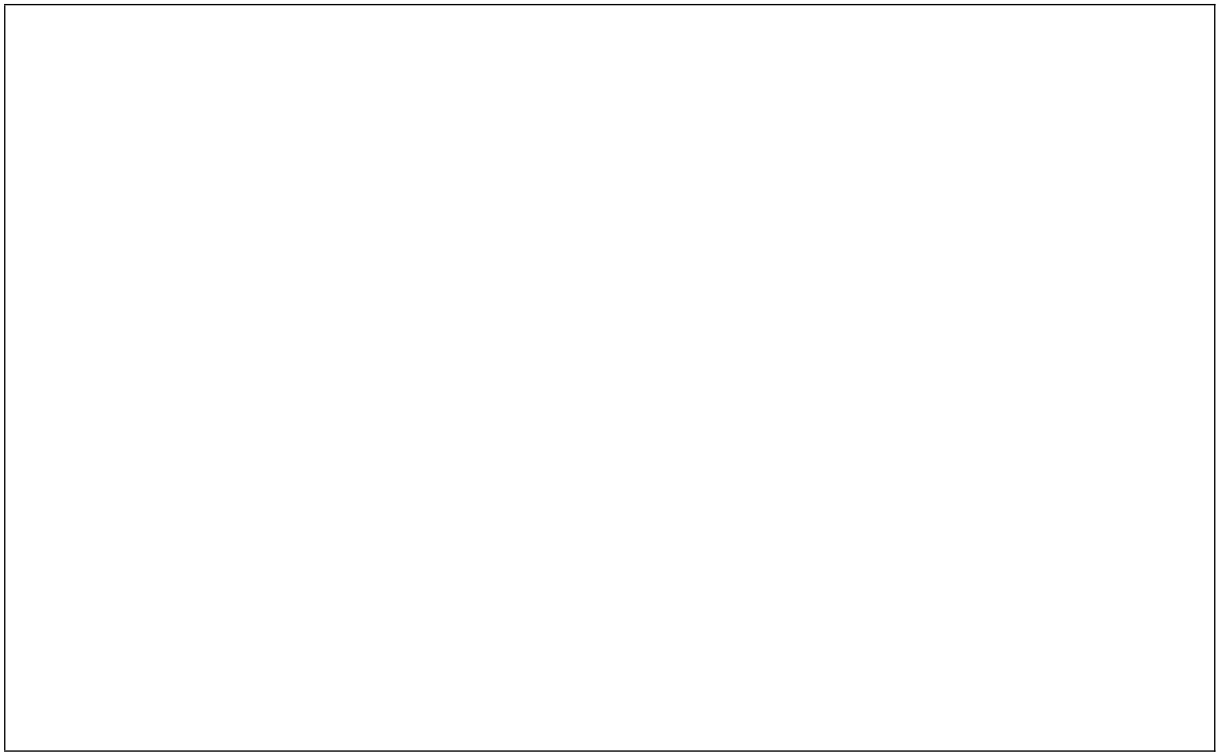
5. Write a **method** named `tableMaxValue` that takes a two-dimensional array of `double` named `table` and uses nested **enhanced `for`** loops to find and return the maximum values in the array.



6. Write a **method** named `tableContains` that takes two parameters: `table`, a two-dimensional array of `String`, and `value`, of type `String`, which contains the value to find in the table. The method is to return `true` if a string equal to `value` is found in the array, otherwise `false`.