Bringg Home Assignment

Build a distributed app that calculates distance matrix.

Distance between 2 points is euclidean distance.   
( <https://www.cut-the-knot.org/pythagoras/DistanceFormula.shtml> )

The main thread will get 2 inputs: List of points (x,y) and a number of threads (integer).

It should split the points into groups, call the threads/actors, and once all calculation is done, it should respond with the calculated distance matrix.

Example:  
calcDistanceMatrix([P1(x1,y1),P2(x2,y2),P3(x3,y3)], 10)  
Should return all distances

|  |  |  |
| --- | --- | --- |
| 0 | P1 -> P2 | P1 -> P3 |
| P2 -> P1 | 0 | P2 -> P3 |
| P3 -> P1 | P3 -> P2 | 0 |

Please provide a way to test the code.