Problem C14. (Unified Computers and programming)

1. Design an Ada95 package to:
   a. Accept 9 integers and store them in a 1-dimensional array
   b. Display the unsorted array as a 3x3 matrix assuming:
      i. Data is in row-major order
      ii. Data is in column-major order
   c. Sort the array using the *bubble sort* algorithm.

   Turn in a hard copy of your algorithm.

2. Implement your package in Ada95 and write a test program to demonstrate its functionality. Turn in a hard copy of your code listing (package and test program) and an electronic copy of your code.