

Question

Bubble Sort is a popular sorting algorithm. It works by repeatedly swapping adjacent elements that are out of order.

- a) Write the pseudo code of the bubblesort algorithm
- b) Implement the bubblesort algorithm.
- c) Read 8 numbers from the keyboard and store them in an array. Sort the numbers using the bubble sort algorithm.
- d) Find out the time complexity of bubble sort in Big O Notation.