Quiz-4

CLO-3 (Analyze the time complexity of various algorithms.)

You are given the following unsorted list of integers:

[7, 3, 8, 2, 6]

Task: Sort the list in ascending order using the Bubble Sort algorithm.

Visual Representation: Show the state of the list after each pass (i.e., after each complete traversal of the list where adjacent elements are compared and swapped if needed).

write the pseudo code and calculate the time complexity for the worst case.