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CS 2401

Average Case/ Worst Case:

In this case the average and the worst would have the same time complexity because in each of them the code still has to go through both loops to and the whole array. This means that both the worst and the average time complexity would be O(n^2)

Best Case:

For this code the best time complexity would be when the array is either empty or only has one element in it. In this case the code would not run the loops and not do anything with the array so the time complexity would be O(1).