Bubble sort continued

Part 1 - Create a separate button on your existing bubble sort project to perform a more efficient sort by using a while loop and **only checking the values that need to be checked** – exit the while loop after the necessary comparisons are made. Recall: after the first pass, the last element is in its correct (final) position. Therefore, the last element should never be checked again and the number of checks in each subsequent pass is reduced by 1.

Part 2 - Place a counter in each of your bubble sorts that tracks the total number of comparisons made by each sort. Compare the two. We will examine the two sorts by timing them in the future.