The bubble sort algorithm was presented in class.

Declare a list of 10 numbers in memory where the values are arranged arbitrarily.

Enter code for the algorithm and run it on the list to order the list from smallest to largest.

1. To show that you have done this, take a screen shot of the code composer window that shows you code, the registers, and memory where the values are stored. The 1st screen shot is before your code has run, the next screen shot is after the 1st pass through the list. Take screen shots after each pass through the list.
2. Leave the data sorted and run the algorithm. Take screen shots before this run and after each pass through the list. In text after this comment on how many passes it took and why.

Now modify the code the sort the list from largest to smallest. Enter new random values for data. Repeat the actions of 1 and 2 for this code.