I enter number space name for example 12 twelve.
When I compare to sort I am looking at the two leading numbers.
Bubble sort - PASS #1

Before numbers:

5 6 2 3 4

SUB1 1 2

SUB2 2 3

HOLD 6

END PT 5

FLIP CT 0 1

Compare 6 which is what SUB1 is pointing to and 6 which is what SUB2 is pointing to.

In this instance, 6 > 2 so flip and add one to the flip-ct..

After numbers:

5 2 6 3 4

Fifth
Sixth

Three steps in flip:
1) Number SUB1 is pointing to is moved to HOLD

2) Number SUB2 is pointing to is moved to HOLD

3) Number from HOLD is moved to the end of the list

Three steps in flip

2) Number SUB2 is pointing to is moved to HOLD

3) Number from HOLD is moved to the end of the list

Three steps in flip

2) Number SUB2 is pointing to is moved to HOLD

3) Number from HOLD is moved to the end of the list

Three steps in flip

2) Number SUB2 is pointing to is moved to HOLD

3) Number from HOLD is moved to the end of the list

Three steps in flip

2) Number SUB2 is pointing to is moved to HOLD

3) Number from HOLD is moved to the end of the list
Extra credit: Parallel array name Array d, keep num name
# Examples using VB 2012/2010

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