Pseudocode Design- Bubble Sort

* Ask user for file name
  + The user will input the file name file
  + Program reads file
* Program will display an error if the selected file doesn’t exist
  + If file exists
    - Program will read the numbers and run it through the algorithm of the program, then it will sort the number from smallest to largest from left to right.
* Sets two individual outputs:
  + First output:
    - # of numbers in the file
    - # of swaps needed to sort the numbers
  + Another two outputs will be the same, but display the data there into the file
    - # of numbers in the file
    - # of swaps needed to sort the numbers
    - Table with the numbers formatted correctly
* Program will write all the outputs into a text file
* Tell the program to pause once everything is displayed and went through all the functions properly
* End the program

Pseudocode Design- Sorter Selection

1. Ask user for file name.
   1. The user will input the file name (file)
   2. Program reads file
2. Program will display an error message if the file does not exist
3. Set (k) to 0 < count (counter variable)
   1. Helps program set numbers in the proper format
4. Set 2 output, which are the same to each other except:
   1. First output says:
      1. # of numbers there are in the file
      2. # of swaps needed to sort numbers listed inside file
   2. Repeat the first output, but output displays it in the file that the program was linked too
      1. # of numbers inside the file
      2. # of how many swaps needed to sort the numbers
      3. Table with the correct numbers in the proper format
5. Program writes all the outputs into a text file
6. Program pauses if everything is correct
7. Program Ends