

**Insertion Sort**

1. Practice sorting the following data using Insertion Sort. Write the correct sequence of integers for each value of outer after its inner loop has been completed:

*outer*    83    95    44    37    38    72

1	_____	_____	_____	_____	_____	_____
2	_____	_____	_____	_____	_____	_____
3	_____	_____	_____	_____	_____	_____
4	_____	_____	_____	_____	_____	_____
5	_____	_____	_____	_____	_____	_____

2. Rewrite the Insertion Sort method to sort words using the String class.
3. Use your code in #2 to practice sorting words using Insertion Sort. Write the correct sequence of words for each value of outer after its inner loop and insertion have been completed:

*outer*    far    don't    trees    from    fall    apples

1	_____	_____	_____	_____	_____	_____
2	_____	_____	_____	_____	_____	_____
3	_____	_____	_____	_____	_____	_____
4	_____	_____	_____	_____	_____	_____
5	_____	_____	_____	_____	_____	_____