Worked Example 3.3

Metric	Description	Y / M / N	Comments
Code and explanations?	Does each step contain both code and a written explanation, and are these well connected?	**Y**	
Clear explanations?	Is each part of the code explained, and does the worked example flow in a clear and linear manner?	**N**	The code of step 3 is not explained clearly. Multiple code lines could be explained better, by comments in code or in text. It is not explained why the program has a time complexity of O(n^2) or why it, incorrectly, states that the maximum number of swaps is n - 1 while it is n * (n - 1) / 2 for bubble sort. However, bubble sort correctly has a time complexity of bubble sort is O(n^2).
Code compiles?	Is the code able to compile and run?	**Y**	
Correct code?	Does the code generate the correct output?	**Y**	
Readable?	Does the code make sense, and does it use meaningful variable names?	**Y**	
Well commented code?	Are there valuable and meaningful comments in the code?	**N**	Only the expected outputs of the tests are written out.
Meaningful steps?	Is each step an appropriate length, and tackles a discrete portion of the question? Are there between 3-10 steps?	**N**	2 steps. The solution is only two steps since the third step is about testing the program.
Understandable?	Is the explanation understandable for a CS2 student, i.e. does the explanation only rely on CS1 and CS2 concepts?	**Y**	
Other comments			

Evaluation according to metric descriptions, where **Y** = Yes, **M** = Moderately, and **N** = No