

Worked Example 1.1

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	A minor deviation in step 2: Explanation refers to the function “get_step” but is called “get_steps” in code. The code contains two base cases but the text makes it appear like there is only one.
Clear explanations?	Is each part of the code explained, and does the worked example flow in a clear and linear manner?	Y	
Code compiles?	Is the code able to compile and run?	Y	
Correct code?	Does the code generate the correct output?	N	RecursionError: maximum recursion depth exceeded in comparison. Almost right, misuse of float('inf').
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?	M	There are valuable and meaningful comments in the code in Step 1 and Step 2 but they are removed in Step 3. The return statement with an if-else statement could also be commented upon.
Meaningful steps?	Is each step an appropriate length, and tackles a discrete portion of the question? Are there between 3-10 steps?	M	<u>3 steps</u> . Step 2 could be divided into two steps: one for the base cases and one for the recursive cases.
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