

Worked Example 1.4

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?	Y	
Code compiles?	Is the code able to compile and run?	Y	
Correct code?	Does the code generate the correct output?	N	<p>RecursionError: maximum recursion depth exceeded.</p> <p>One source of error is that the base case forgets to check if $n < 1$ to avoid infinite recursion.</p>
Readable?	Does the code make sense, and does it use meaningful variable names?	M	‘results’ and ‘result’ are not meaningful variable names.
Well commented code?	Are there valuable and meaningful comments in the code?	M	The comments are meaningful but could be more specific and hence more valuable. Comments from the steps are removed in the complete code.
Meaningful steps?	Is each step an appropriate length, and tackles a discrete portion of the question? Are there between 3-10 steps?	Y	<u>3 steps</u>
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