Worked Example 1.5

Metric	Description	Y / M / N	Comments
Code and explanations?	Does each step contain both code and a written explanation, and are these well connected?	**N**	Additional operation in Step 1 that is not mentioned in the explanation. Minimum in code not explained in step 1 explanation
Clear explanations?	Is each part of the code explained, and does the worked example flow in a clear and linear manner?	**N**	The base case is not explained. The use of float('inf') is not explained. Minimum not explained in Step 1 Additional operation in Step 1 that is not mentioned in the explanation.
Code compiles?	Is the code able to compile and run?	**Y**	
Correct code?	Does the code generate the correct output?	**N**	One source of error is that the code contains an operation that is not listed in the assignment (subtracting 1)
Readable?	Does the code make sense, and does it use meaningful variable names?	**M**	DFS is not a meaningful name for finding the minimum amount of steps.
Well commented code?	Are there valuable and meaningful comments in the code?	**N**	No comments are provided in the code, except for describing the expected values in the testing part.
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. Furthermore, step 1 could have been divided into two steps: one for the base case 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