ASTR615 Peer Review Worksheet

Make a private copy of this worksheet and give it a useful filename. Be sure to upload the worksheet in PDF format as an in-lecture exercise and provide a copy to the group you are evaluating. Include the worksheet you receive in your own homework submission.

Homework Number:	4
Your Group Number and Members:	6 Charlotte and Guangwei
Group Number and Members to Evaluate:	4 Chong Chong and Mohammed

Review Item (in decreasing order of grade weight)	**Finding(s)**	**"Minor" or "Major"?**
Does the code seem to work correctly with expected input?	Yes - it worked with the default input.	
Does the code seem to handle invalid input ok?	Yes, there are a lot of catch statements for different types of invalid input.	
Does the submission seem to answer all the questions? If not, specify what's missing.	The background for question 2 explains how the system was set up, but it doesn't answer some of the questions on the assignment sheet about energy conservation, time taken to run etc.	Minor
Are the answers to questions readable and well organized? If not, make suggestions.	Yes, the analysis for question 1 and the background explanation for question 2 are well structured and clear!	
Do any plots seem to be missing? Which one(s)?	No	

Are all the plots appropriately labeled and readable? If not, make suggestions.	Yes, very clear.	
Does it look like all data products are described? If not, what's missing?	All plots are present for question 1 and the video for question 2 looks great!	
Can the code documentation be improved (including appropriate comments)?	Maybe a few more comments in in the rk4 function would be useful! But the commenting is good in general!	
Can the code readability be improved? Give suggestions.	Very clear and well structured!	
Does the code seem efficient? If not, what is the concern?	The main code took about a minute to run with the default parameters of N=2, which seemed a bit surprising for C, but still seems fine!	
Does the submission contain a descriptive README?	Yes!	
Were you able to compile/run the code according to the instructions in the README?	Yep, but a make file or some compilation instructions in the README would be helpful! Also maybe an example of some optional input.	Minor
Does the submission appear to otherwise meet all the requirements? If not, explain.	Yes, it is complete.	

How many minor issues did you identify?	2
How many major issues did you identify?	0