EOSC450: How to get 100% in all problem sets?

Here are a few hints / some advice to help you have a successful term in EOSC450. Most points are applicable to all problem sets. Some might seem obvious, but experience demonstrates it's useful to remind yourself of them, throughout the term... Checking this list before and after doing your assignments will likely avoid a few mistakes and make the reading of your work even more pleasant! To encourage you to do this, up to about 10% of the total grade will be allocated to good application of these points.

1. Clear and clean presentation
2. Clear figures that include title, axis label, and legends
3. Matlab script well structured, written, and commented
4. All questions/subquestions answered OR difficulties met with unanswered questions were explained
5. What you write seems to be really understood, without major mistakes (e.g. dividing a scalar by a vector is a major mistake)
6. You do not jump any important step in calculations
7. Text and calculations are clear, precise, rigorous and concise
8. At the beginning of a problem, the physical frame, theory, and hypothesis used are clearly stated
9. Good use of "hints" or "pointers" posed in the question and/or the result of previous questions
10. Good use of tricks or hypothesis before starting endless calculations or reasoning
11. When necessary, text and calculations are accompanied by a simple scheme/summary in order to make understanding easier
12. Verifications are used to check the reasonableness of results (sign, dimension, order of magnitude, physical meaning, etc...)
13. Physical or numerical meaning of results are discussed

Please feel free to email me or come find me (EOSM302) if you have any question about this list or correction/comments on your problem sets during the term.

Good luck!