PRA1004 Scientific Computing — Report requirements

May 8, 2012

In order to limit the amount of time I need to correct the assignments, here are a number of requirements.

Requirements

1. You need to hand in
   (a) 1 report.
   (b) Your code, organized as follows: 1 main *script* .m per assignment (called `scriptx.m` where 'x' is the number of the assignment) . If you were asked to write one or more *functions* for an assignment, their .m files should also be included. The main script should call the function in order to demonstrate its working.
2. The report needs to contain
   (a) all important (fragments of) code,
   (b) as well as plots you need to make.
      - Make sure that you use a standard format (.jpg, .png, or .eps) for your plots. If I can't open them, I can't grade it!
   (c) A clear paragraph for each question, with the same number as the question. These can be grouped together, but clearly indicate where the answer to a question can be found.
      - This means that, when you do not know the answer to a question, you should include a paragraph saying that!
      - For an example, look at the example report on my website.
3. The full code you should *also* deliver separately. I want to be able to run your code for an assignment by just typing `scriptx`.
4. When emailing the report, cc all your lab partners.

Note: *You* are responsible for making sure that the report adheres to these requirements. If it does not, I cannot grade the report!

- When your submission is not adhering to these requirements, I will notify you only after I have sent all the grades. So make sure your submission satisfies *all the above points*!

Suggestions for Nice Reports

- Keep the following things in mind:
  - I want to be able to print a single document that contains all the information necessary to give you a grade. (the code is only to check whether it actually runs, or if I have trouble understanding your report.)
  - If you include all your code as appendices, that is fine. However, for me it is easier if you *include the important parts of code in the main text*. That saves me flipping back and forth through the document.
- Also, I highly recommend you to try and use LaTeX for you reports: equations are much simple to make. If this seems too difficult, you could try 'lyx' a latex editor (which I frequently use myself).

Nice Report Bonus

In order to motivate you to create nice reports, I will give bonus points for reports that are *easy to read* and look nice.