Some report writing tips

- Make graphs and tables readable. This means making them large enough to be read at the size that the paper is printed on! This means tables should not be screenshots. Use something like tablesgenerator.com (you can copy paste tables from excel in here to make latex tables). Matlab is great for generating graphs, but Excel works fine, too.
- Use cross referencing in your reports. It's no good saying "in the table below" when there are three tables below the text. The \label{} and \ref{} commands in latex make this really easy
- Avoid use of pronouns. And proofread!
- Label your items correctly. Figures have captions underneath. Tables have captions above.
- Ensure your figures and tables have meaningful, unique labels
- It's important to distinguish what your sections are for. You should not be talking about how you do your experiments in the results section. Methodology should introduce your experiments and how you run them, and results should just contain results. In these smaller papers, it's fine to group results and discussion.
- Elaborate on your results. Don't just list a table and say "Speed up increases with number of threads". Give a reason why.
- Don't use screenshots to generate tables! Use tablesgenerator.com for latex tables
- Make sure tables, graphs, etc are readable. Keep in mind your report is on an A4 page. If you need to zoom in bigger than A4 size to read it, it probably needs to be bigger
- Use graphs to convey data that you show in tables. This increases the quality of your report. If the data is discrete, use a chart that represents that. Don't use a line graph if your data is not continuous.
- Include a bibliography with reasonable and reliable sources
- Have your tables/charts as close to the point that you reference them in text as you can. Look at the [H] flag in latex
- Work with speed up, not execution time. There are many various factors that can affect the time taken to execute a program. Using speed up is a better metric. It's also easier to comprehend. Show that you measured execution time,