How a Lab Write up Should Look

Your name
Group Members names
Location lab was done
Date the lab was done

Abstract:
This is a summary of your lab! Tell the reader the purpose of the lab, describe the lab, and tell the conclusion to the lab. The abstract should be 3-5 sentences.

Introduction: (in paragraph form!)

- Give the reader background knowledge
    - Give previous scientific research
    - Equations, theories etc
- Tell the reader why this lab is important
- State what you are going to accomplish in the lab

Materials & Methods: (done in list)

- Write Hypothesis: then tell the reader your hypothesis
- Make a list of the materials & supplies used
- Make a list of your procedure
    - The steps you took to do your lab!
    - Mention any and all safety concerns

Results & Discussion: (paragraphs, data tables, and plots)

- State your observations during the lab
- Insert your data table(s) **and answer** guided questions from the lab hand out
- Make plots and describe what the plots show you
    - Make sure you include labels on your plots

Conclusion:

- Tell the reader if your data makes sense. Why or why not?
- Tell the reader of any mistakes you made during the lab that contributed to errors
- Does the conclusion agree or disagree with your prediction
    - What did you learn from this lab?
- What changes would you make if you repeated the lab?
    - To your procedure and or the lab itself.

****** Suggestions for a good grade**

- Always use size 11 or 12 font!
- Titles and section headings may be bolded and/or 14 size font
- Use a simple font (Calibri body, or Times New Roman)
- Include the information in the correct areas
- Do not leave anything out!
- Be organized, label plots and data tables
- **Use the computer at all times except for hand calculations or on specific plots as directed. These should be attached in the back of the lab report in an "appendix"**