INFORMATION ON THE WRITTEN PROJECT

Your written project should adequately present a chosen class-related topic in a way which is accessible to other students in the class. There is no required length for the paper. However, it should be a clear, self-contained presentation, with examples, proofs, applications, open questions, further directions and possibly some additional computations which you have done (if appropriate for the chosen topic).

The paper should start with the title and the abstract. The purpose of the abstract is to briefly summarize the main content of the paper and to give the reader an idea of what your paper is all about. Typically, the abstract will be just a few lines.

Here is an approximate possible outline for a written project:

1. *Introduction (general information and motivation).*
2. *Definitions and examples.*
3. *Statement of main results and their consequences.*
4. *Proofs.*
5. *Applications; your own computations; relation to other topics; open questions;*
6. *Conclusion;*
7. *Bibliography.*

This plan should only be treated as an approximate idea. Use your best judgment to make changes depending on your topic and choice of the material.

As always, I am very happy to help in any way I can.