The purpose of this project is for you to learn about some aspect of mathematics that you find interesting, write about it, and give a 10 min. presentation to the class. (Presentations of group projects should be longer.)

**Expectations for written component:** You should have a title page, one page for your bibliography, and 5 pages of interesting, clear and correct text. It should be double spaced (or single spaced with a line between each paragraph, as is this document). You must have at least two sources other than the book and general interest sites such as Wikipedia. Avoid internet sites that are not created by experts (say a mathematics association, a museum or a historian of mathematics). You are welcome to include images and figures, but these do not count toward the page length, and must be accompanied by citations if they are not your own. Equations may be written by hand.

**Evaluation of the written component:** Your paper will be evaluated based on the following criteria:
- Interesting mathematical ideas or history thereof.
- Correctness of the mathematics.
- Clarity of communication.
- Logic, grammar, and flow of your paper.
- Use of in-line citations for all paraphrasing and quotations.
- Bibliography (primarily the quality of sources, but also consistency of format and completeness of information).

Your class presentation will count for 10% of your project grade and will be evaluated based on the clarity with which you communicate the key ideas of your project. You may choose your format. You may have a poster, handouts, a Power point presentation, an activity, or whatever you deem most appropriate. Please let me know if you will need more than the allotted time. Another 2% of your grade comes will come from thoughtful participation in the evaluation of your fellow classmate’s projects.

**Citations and the Honor Code:** I believe it is very important that you cultivate a habit of knowing where any information you gather comes from, and giving credit where credit is due. You should know that I think that finding a report online, adjusting the wording and submitting it as your own work warrants expulsion from the university. That is a personal opinion, and is more harsh than punishments doled out by the Honor Council (unless you have a prior infraction), but you can be sure that if I become aware of such an infraction that I will report it to the Honor Council.

**Due Dates**
- **Topic:** Fri. April 3rd
- **Bibliography:** Fri. April 17th
- **Paper:** May 1st or some earlier day of your choosing.
- **Presentation:** May 1st or the exam time (May 4th, 2-5 for the 12pm class and May 8th, 9-12 for the 1pm class).