For the final project for the course the students will present some current bioinformatics research found in the literature. Students should work in individually or in groups of two. The students must do the following:

1. Find a bioinformatics article from the literature and duplicate the work presented in the article.
2. Add some additional piece of research not included in the article. This can be some addition to an exiting algorithm, addition analysis using existing tools or codes derived in class or comparison to one of the methods discussed in class.
3. Make a 15-minute presentation explaining the background for the article, what the researchers did in the article and what the students have added.
4. The groups should meet with me weekly to discuss progress, get help with problems, and let me know what they have planned for the next week. This should be similar to the timeline described in the proposal.
5. A short written report (approx 5 pages)

For the project proposals, write up and turn in approximately 1 page describing the following:

1. Identify the members in the group or two or whether you are working individually.
2. Choose and article (you might want to show this to me before hand to get my input).
3. Describe what the group plans on doing including a week by week timeline of project tasks. Note that this can be modified during the course of the project if a new interesting idea comes up or for another good reason.
4. Indicate your preference for the presentation date.

Grading for the final project will be based on the following criteria:

- 25% project proposal
- 25% sticking to time line and meeting goals set each week in the weekly meetings
- 25% final project presentation will be on November 29 and December 25th
- 25% final project written report due on December 29, 2016.