We have gone over a scientific paper in class. The next step is for you to write an analysis of the paper. For the analysis, we will concentrate on what they did and what needs to be done next. In research you are working on a particular project. The results of the project determine what you will do for the next project. In general, the current project is asking some kind of question or questions. The answer to the question(s) gives you clues about where the project should lead. You usually get clues that can lead the project in different directions, so you would pursue only a subset of the possible new projects.

For the analysis:

1. Describe the hypothesis they used for their work.
2. Describe the experiments and results that they used to test their hypothesis. For the description of the experiments, only give a brief description (“they analyzed this using xxx [technique]). Include important details, of course, like controls.
3. Explain whether their data supports their hypothesis.
4. What might be additional steps/experiments/hypotheses to do next? Describe one and explain why you think it would be interesting to do.