The first thing I did for this project was send a weekly report in pdf form. My initial task for the exposure time calculator was to write the module for calculating atmospheric extinction. I had everything written out, but still needed a file for wavelength-dependent extinction coefficients. I think another student said they would look for that, but I wasn't sure. I set up a github account where all the codes, reports, documentation, etc. could be kept in one place for everyone to access, if they didn't know how to fork or otherwise interact in the "git" manner.

Overall I think this was a good assignment, and I definitely appreciate the importance of being able to work in a group liek that. I don't think the group collaboration itself went very well at all though. I thought the e-mail chains were a terrible way to communicate (I always miss things when they're buried in the replies, so I was late to one meeting and completely missed another) but no one else seemed interested in finding an alternative. I volunteered to do a few things, but then someone else would do them, so I got a very confused as to what exactly everyone was expecting me to do. We should have been more clear and specific when naming our modules, but they were all called some variation of "exp_time_calc" or "etc" or "ExposureTimeCalculator", so I couldn't tell by looking at the code directory what each module actually did. Documentation was also scarce; I made a directory for this on the github account (which did contain a README file explaining what the directories were for, but I'm not sure if anyone actually read that). Another student made a different github account for the codes because apparently mine was "too cluttered" but no one said a word to me about re-organizing it or getting rid of uneccessary files. Now we have two directories, which defeated my purpose of keeping everything in one place. I put a lot of work into organizing that directory for everyone, but now I'm afraid that it looks like I didn't do much since a big part of my contribution was kicked out. I'm not blaming any one particular student, but the communication was really bad, including on my end, and I think this is just due to lack of experience in group work (something my introverted self has always been particularly bad at).

I think we really needed some more guidance, not on how to do the tasks themselves, but on how to work together on a coding project. I'm pretty sure not a single student in our class has done that before. We could have benefited from some suggestions or useful resources (github or otherwise) for communicating, storing and sharing codes, dividing up tasks, setting deadlines, coming up with a general plan. I really believe everyone tried their best, and I know it's important to figure things out on our own on some level, but we have teachers for a reason, and I think expecting us to figure out how to collaborate on top of the assignment itself was a bit too much, and we really needed some help on that aspect of the project.

Sorry this was a lot more than one paragraph.