Astronomy 19 Code Journal #3 Weeks 6-10
Due via Canvas on December 6, 2023 by 5pm

Student Name:
Jakob Swisher

During Unit #3 of Astronomy 19, we will be learning more advanced statistical and plotting methods. These skills will be utilized in your ASTR 19 Group Project, which we hope will teach you both statistical and practical programming skills. At the end of the Group Project, we would like you to write about your Group Project experience and complete the following writing prompts. Please use at least 250 words for each prompt.

1) Writing Prompt 1: Working in groups collaboratively on programming projects can be very different than working alone. In what ways did you find the collaborative Group Project to be more challenging than assignments you did on your own? In what ways was the Group Project easier? Did you feel your group worked well together, and how would you assess the quality of the work your group submitted (this will not influence your Group Project grade)?
(12/4)
I found this assignment to have a lot more of the problem up for interpretation. There was a clear goal set to be achieved but no real step by step for doing it. With that we had the end goal set out so there was not much confusion as to what we had to make in the end. I feel that my group did work well together, we divided up and helped each other very well. However I was not nearly as fast of a coder as anybody else so I mainly helped to interpret the questions and think of how we would solve the problem. Which was important, however I wish I got some more time to help collaborate more on the code.

2) Writing Prompt 2: As you consider professions after graduation, what kinds of collaborative projects do you imagine might be part of your job? What strategies might you use to balance the need to meet a project deadline and the efforts of individuals in the group while also protecting your own personal time and mental health? How do you think group work should be rewarded (or penalized), how equally should credit for a group project be shared, and how can we manage interpersonal conflicts in group work in a caring and professional way?
(12/6)

I believe that group work should definitely be divided up, especially in my field of chemistry. It is important that everyone does their group not only to get better recognition for their work. Dividing up specific parts of the problem is something that we did in this project is something that we utilized in this project and I will definitely continue to do. While we were running out of time by the end, dividing up the work made the large portion we had left go by much quicker and easier. Dividing up credit based on who encorporated what is a good way of going about it, however if someone speaks out on something and then that is copied down by someone who steals it they won't get credit. So it is equally as important for the group to credit who brought what ideas to the table, and for people to speak out if they were copied.