**Module 3 Homework**

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This weeks lesson was actually very fun to do. We incorporated some OOP, some AI, and some good ole fashion troubleshooting. While learning about agents, states, actions, and such in the field of AI, it was very enlightening to see that there is so much that goes on. I really did not know how well AI is structured just when it comes to different things. Surely, I can’t wait to dive deeper. For our assignment itself, I did struggle with some of the concepts, ideas, and steps. Thankfully, I was able to work through them and get myself a script that I am very happy with.

Although it is my script, my biggest source of help was from AI WEBAPPS like Claude and ChatGPT. However, it is not how it might seem. I am sure a lot of people will get the code and just use that without or little modification. I however want to know what is going on, and I didn’t realize how lacking my OOP skills are. So I actually spent a few hours going through the code and asking the AI apps what each class and method did. I went further on some asking it how I can approach some problems. And its lessons were amazing. Referring to Nouns and verbs and sketching from there. Nouns would be the class and its verb would be the method. I now can practice this the more we encounter problems. So the Classes were the biggest contribution from the AI, but the interaction was myself. Again, not easy. I was using the interpreter a lot to see what the output of certain comparison operators were on certain data types. That was fun to me because it is like a puzzle in a sense. I found that my breakdown was much smaller and shorter, rather than thinking too far ahead as I have done in the past. I feel like I am starting to think more like a programmer now, which is great for my confidence to tackle higher level problems.

I will continue to advance my skills with the help of AI. It has helped me break through some tough obstacles I don’t know if I could have advanced before. My brain seems to be understanding the process a lot better. It is funny because I am learning about AI, but also using it to learn. I hope I can show these benefits to more people and it helps them the way it has helped me.

**References**

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