What is one program you wrote that you were particularly proud of during this course? Why were you proud? Explain.

I’m particularly proud of the Planner App because it was the first time I built a program with a graphical user interface, allowing me to create an interactive and user-friendly application. I was able to apply concepts like event handling, file persistence, and modular programming in a meaningful way. Debugging and improving the app taught me resilience, and seeing it work as intended gave me a deep sense of accomplishment.

How might you use the skills you learned in this course in the future? This might include skills such as programming, problem-solving, debugging, etc.

In the future, I plan to use these skills to develop innovative software solutions. For example, I want to create a task management app to help small businesses streamline their workflows. The problem-solving and debugging skills I gained will ensure that I can overcome technical challenges, while my programming knowledge will enable me to write efficient, scalable code.

Describe an experience from this class that has given you confidence that you can learn new programming skills in the future.

One experience that gave me confidence in my ability to learn new programming skills was when I successfully implemented a feature in my planner app project. Initially, I was unfamiliar with using Kivy for building graphical user interfaces (GUIs), and I felt a bit intimidated by the learning curve. However, I broke down the problem into manageable steps, researched the Kivy documentation, and experimented with code examples from tutorials and forums.

As I gained more experience, I became more comfortable with Kivy’s components and how to integrate them into my project. I also encountered bugs along the way, which required me to research debugging techniques and apply them to troubleshoot the issues. After each challenge, I was able to resolve the problems and move forward with building the app.