**Reflection:**

Working on both the **Task Reminder and Checklist Application** and the **Book Collection Manager** was an enriching experience. These problems were suitably challenging, requiring the use of control structures, functions, and Python libraries like datetime and json. The most demanding part was ensuring data persistence and accurately handling deadlines and overdue tasks. Implementing object-oriented programming concepts, such as defining classes for tasks and books, streamlined the process and improved code organization.

To address challenges, I referred to Python's official documentation and online forums like Stack Overflow. This helped me understand complex functionalities like date comparisons and file handling. Testing involved adding, retrieving, and updating data to ensure functionality and reliability.

The projects taught me the importance of structuring data for ease of use and scalability, skills crucial for cloud computing. I enjoyed building these solutions and plan to enhance them by adding advanced features like notifications or search filters.

**Questions:**

**1. Did you pick a suitably challenging problem to solve? Or was it too easy, or too hard?**  
Yes, these problems were suitably challenging. They required a strong understanding of data structures, control flow, and basic file operations in Python. Both tasks allowed me to explore Python libraries and core programming concepts without being overly complex or too simple.

**2. What was the most challenging aspect of solving this problem?**  
The most challenging aspect was managing data persistence. For the **Task Reminder Application**, ensuring accurate handling of dates and overdue tasks required careful implementation of datetime functions. In the **Book Collection Manager**, the challenge was designing a file structure that stored, retrieved, and updated book records efficiently.

**3. Is there something you would still like to add to this, or something it makes you want to try next?**  
Yes, I’d like to add more advanced features, such as notifications for overdue tasks in the Task Reminder and a search function in the Book Collection Manager. These additions would make both applications more practical and user-friendly.

**4. Did you enjoy the experience of working on this assignment? Why?**  
I enjoyed the experience because it challenged me to think critically about everyday problems and apply Python to solve them. Both projects were rewarding and provided a sense of accomplishment by creating practical tools that I could genuinely use.