**COSC 1104 – Assignment 2**

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**Part 3: Reflect on the Solution**

* **Reflection on the Expense Tracker Solution**

1. **Was the problem challenging enough?**  
   It was moderately challenging, as it involved managing data with lists and creating a user-friendly interface.
2. **What was the most challenging aspect?**  
   The most challenging part was handling invalid inputs and making the program user-friendly.
3. **What resources did you use?**  
   I used Python’s official documentation and online tutorials for input validation and building the menu.
4. **What was the most valuable thing you learned?**  
   I learned how to break a problem into smaller, manageable functions, which makes the code cleaner and easier to debug.
5. **How did you test the program?**  
   I tested it by simulating different user actions, like adding expenses and checking totals, ensuring everything worked.
6. **Would you like to add or improve anything?**  
   I would like to add a feature to save and load expenses from a file for future use.
7. **Did you enjoy working on this problem?**  
   Yes, it was a fun project because it was simple and practical, and helped me improve my Python skills.

* **Reflection on the File Organizer Solution**

1. **Was the problem challenging enough?**  
   It was more challenging than the expense tracker, as it required handling files and directories with Python.
2. **What was the most challenging aspect?**  
   The most challenging part was handling edge cases and ensuring the program didn’t move system files.
3. **What resources did you use?**  
   I referred to Python’s documentation for os and shutil modules and watched tutorials on file handling.
4. **What was the most valuable thing you learned?**  
   I learned how to manage files and directories programmatically, which is useful for automation tasks.
5. **How did you test the program?**  
   I created test folders with different file types and checked if the program organized them correctly.
6. **Would you like to add or improve anything?**  
   I’d like to add custom categories and file extensions and include a log of moved files.
7. **Did you enjoy working on this problem?**  
   Yes, it was satisfying because it solved a real problem and gave me hands-on experience with file handling in Python.