Upskill Internship - Weekly Progress Report

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Internship Domain: Python  
Company/Platform: Upskill   
Week Number: Week 1  
Report Date: July 1, 2025

1. Format

This report is structured using clear headings and bullet points for better presentation, in accordance with Upskill’s requirements.

1. Content – Weekly Work Summary

Tasks Completed:

Set up Python environment and configured necessary libraries.

Completed Task 1: To-Do List Application (CLI-based).

Started Task 2: Calculator App using Tkinter (GUI-based).

Milestones Achieved:

Built and tested all CRUD operations (Add/Delete/View) for To-Do List.

Designed the basic UI layout for the calculator using grid manager.

Key Contributions:

Implemented data persistence using file handling in the To-Do App.

Added basic error handling and improved user prompts.

1. Challenges and Hurdles

Difficulties Faced:

Initially struggled with file read/write errors while saving task data.

Faced UI alignment issues using Tkinter’s layout managers.

How I Overcame Them:

Referred to Python official docs and used with open() and exception blocks.

Experimented with both pack() and grid() methods to achieve a responsive layout.

1. Lessons Learned

Improved my understanding of:

Python’s file handling techniques (open(), read(), write()).

Tkinter widget layout and event handling.

Debugging and testing logic in real-time.

Developed better time management, learned to break big tasks into smaller chunks, and explored problem-solving with documentation and Stack Overflow.

Gained confidence in turning user stories into actual Python code using a structured approach.