

Domain: Python Programming

Project 2: Currency Converter using Python Tkinter

Project Title: Currency Converter using Python Tkinter

Project Objective:

To develop a GUI-based Python application that converts currency values between different international currencies using predefined exchange rates, and provides a simple and user-friendly interface.

Technologies to Use:

- Python 3.x
- Tkinter (for GUI)
- VS Code / PyCharm (IDE)

Tasks Breakdown:

1. Set up Python environment and import Tkinter.
2. Create GUI layout with Entry, Labels, Dropdown, and Buttons.
3. Implement button click event handling.
4. Write conversion formulas using static exchange rates.
5. Add input validation to prevent errors.
6. Display converted amount dynamically on screen.
7. Implement reset/clear button for reusability.
8. Test conversion results across all currencies.

Submission:

Submit the project folder in ZIP file.

Submit the .py source file.

The ZIP will include all files that used to create the project and Project Report PDF file.