In the unit converter project, my main focus was on the graphical user interface (GUI) built with Tkinter. Although I did not write the full code myself, I contributed by testing the GUI, running it, and making sure the different parts worked smoothly together. For example, I checked if the input field accepted values correctly, if the dropdown menus displayed the right units, and if the “Convert” button showed accurate results on the output label. I also gave feedback on how the interface could look clearer and be more user-friendly.

Through this process, I learnt how different Tkinter widgets such as Entry, Combobox, Button, and Label are used to create an interface. I also understood how they are connected to variables in the backend so that when a user enters data, the program can process it and display the result. Another key lesson I learnt was the importance of linking the frontend (what the user sees) with the backend logic, because if they are not properly connected, the program will not function correctly.

Overall, my contribution was ensuring the GUI worked as expected, while my main learning was understanding how a Python GUI communicates with the program’s logic.