    - **start_recording()**: Starts or stops the data logging process.
    - **move_increment()**: Allows the user to move the motor by a specified increment (e.g., for fine adjustments).

7. How it Works:

- The GUI offers real-time feedback, displaying the motor's position and the force being applied.
- Users can manually input desired weights to apply to the motor or enable sine wave modulation to automatically adjust the applied force over time.
- Data (position, force, and time) is logged and dynamically plotted in real-time. This is managed efficiently by the main event loop, ensuring continuous operation while applying user-defined motor controls.

In summary, this script integrates motor control, data logging, and real-time feedback through a GUI. It enables users to adjust the force applied by an ODrive motor and visualize the effects through dynamic graphs. The sine modulation feature adds flexibility in controlling the motor's behavior.