1. Download and Install Mosquitto:
   1. Download the [Mosquitto](https://mosquitto.org/files/binary/win64/mosquitto-2.0.18-install-windows-x64.exe) installer for Windows from the official Mosquitto website.
   2. Run the installer and follow the on-screen instructions to install Mosquitto.
   3. Start the Mosquitto Service:
2. After installation, Mosquitto may be configured to run as a service. To check, open the Services manager:
   1. Press Win + R to open the Run dialog.
   2. Type services.msc and press Enter.
   3. Look for a service named "Mosquitto Broker" or something similar.
   4. If it's there, it should be set to start automatically.
   5. Test the Mosquitto Service:
3. Open a command prompt.
   1. Run the following command to test if the Mosquitto service is running:
   2. mosquitto\_sub -h localhost -t test
   3. This command subscribes to the topic "test" on the local Mosquitto broker.
4. Hardware
   1. Upload the code provide to ESP32C3 devmodule.
   2. Open the serial monitor.
   3. Change SSID, Password and IP address to your device’s details.
   4. Wait for it to connect to the internet
5. Run pub test.py
   1. Open VS code and run Pubtest.py provided in the file.
   2. Once it’s connected you can start sending commands to the micro controller.