IoT - Python(Collection) Assignment - 08

1. Create a MQTT-based Smart Home Monitoring System:

- publish sensor data (intensity, temperature) on topics (sensor/ldr, sensor/lm35).
- subscribe for sensor data and add it in a database.

2. Using MQTT protocol Control home appliances remotely and also update their status into database (create a table to maintain status (ON/OFF) of home appliances).

3. Design and implement an IoT-based healthcare monitoring system using MQTT protocol for collecting and transmitting patient health parameters(pulse, blood oxygen) in real time. If any parameter goes above threshold send alert message to doctor.