**Practical 7**

**Deploy an IoT application which will alert you by beeping or vibrating your phone whenever you get someone call your name.**

**Steps to Perform:**

**Step 1:** 1) Take LCD

2) Take Component - MCU Board

3) Take Temperature Sensor

4) Take Laptop

5) Take DCL(HomeGateway)

6) Take Thermostat

**Step 2:** 1) Now we will connect the LCD to MCU Board with

IoT custom cable connect LCD (D0) to connect with MCU Board (D0)

2) Then we will connect MCU board to Temperature Sensor with IoT custom cable

connect MCU Board (A0) to Temperature Sensor (A0)

3) Now we will connect Thermostat to DLC (Home gateway)

Copper Straight cable connect Thermostat (Fastethernet0) to DLCBoard (Ethernet1)

4) Then we will connect Laptop to DLC (Home gateway)

Copper Straight cable connect Laptop (Fastethernet0) to DLCBoard (Ethernet2)

**Step 3:** 1) Now click on MCU Board go to Programming then Select New, Select Template-

Empty-Python then click on Create

2) Click on main.py file then write code

