**ASSIGNMENT 2**

**DOMAIN :** IOT – Internet of Things.

**REG. NO :** 211419106094

**Question:**

To build a python program, to get random temperature & humidity values and write a condition to alarm continuously in case of high values.

**Python Code:**

**import time**

**import random**

**while(True):**

**time.sleep(3)**

**temp=random.randint(0,50)**

**humd=random.randint(1,100)**

**if temp<=15:**

**print(temp," - Low Temperature ")**

**elif temp<=45:**

**print(temp," - Normal Temperature ")**

**else:**

**print(temp," - High Temperature , ALARM ")**

**if humd<=30:**

**print(humd," - Low Humidity , ALARM ")**

**elif humd<=70:**

**print(humd," - Normal Humidity ")**

**else:**

**print(humd," - High Humidity ")**

**OUTPUT :**

**Graphical user interface, text, application

Description automatically generated**