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| Gas leakage monitoring and alerting system for Industries  IBM NALAIYATHIRAN  **DEVELOP THE PYTHON CODE**       |  |  | | --- | --- | | **Date** | **16 November 2022** | | **Team ID** | **PNT2022TMID36136** | | **Project Name** | **Gas Leakage Monitoring and Alerting**  **System** | | **Maximum Mark** | **4 marks** |   **Team members :**  NITHISH KUMAR V R  SANDEEP P B  BEGAN BABU P  KISHORE B L  **IBM Watson IOT Platform :**  import wiotp.sdk.device  import time  import random  myConfig = {  "identity": {"orgId": " ps7zkg ","typeId": " NITHISH ","deviceId":" aaaaa" },  "auth": {"token": " Zt6B53\*ZuFSVDflODG"  }  }  def myCommandCallback(cmd):  print("Message received from IBM IoT Platform: %s" % cmd.data['command'])  m=cmd.data['command']  client = wiotp.sdk.device.DeviceClient(config=myConfig,  logHandlers=None)  client.connect()  while True:  gas=random.randint(0,100)  temp=random.randint(0,100)  hum=random.randint(0,100)  pre=random.randint(0,100)  myData={'Hazardous Gas':gas, 'Temperature':temp, 'Humidity':hum,  'Pressure':pre }  client.publishEvent(eventId="status", msgFormat="json", data=myData,  qos=0, onPublish=None)  print("Published data Successfully: %s", myData)  client.commandCallback = myCommandCallback  time.sleep(2)  client.disconnect() |