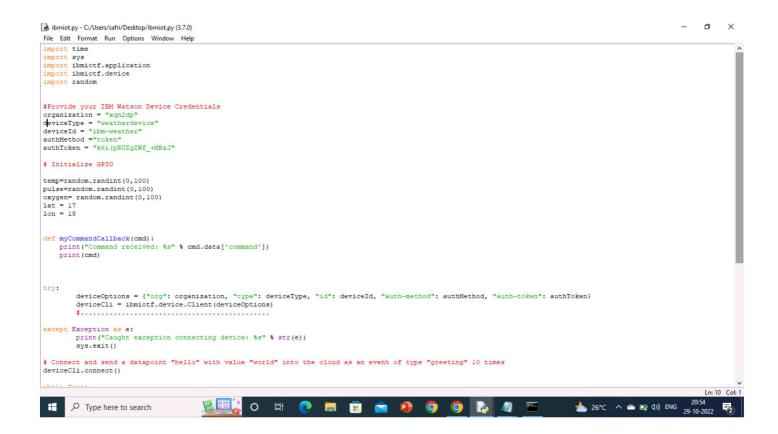
Develop the Python Code



```
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ibmiot.py - C:/Users/safri/Desktop/ibmiot.py (3.7.0)
File Edit Format Run Options Window Help

print("Command received: %s" % cmd.data['command'])
     print (cmd)
try:
         deviceOptions = {"org": organization, "type": deviceType, "id": deviceId, "auth-method": authMethod, "auth-token": authToken} deviceCli = ibmiotf.device.Client(deviceOptions)
          ‡.....
 except Exception as e:
          print("Caught exception connecting device: %s" % str(e))
          sys.exit()
# Connect and send a datapoint "hello" with value "world" into the cloud as an event of type "greeting" 10 times
deviceCli.connect()
 while True:

#Get Sensor Data from DHTll
          temp=random.randint(0,100)
         pulse=random.randint(0,100)

oxygen= random.randint(0,100)

lat = 17

lon = 18
         data = {"d":{ 'temp' : temp, 'pulse': pulse ,'oxygen': oxygen,"lat":lat,"lon":lon}}
#print data
def myOnPublishCallback():
    print ("PublishEd Temperature = %s C" % temp, "Humidity = %s %%" % pulse, "to IBM Watson")
          success = deviceCli.publishEvent("IoTSensor", "json", data, qos=0, on_publish=myOnPublishCallback)
         if not success:
   print("Not connected to IoTF")
time.sleep(1)
         deviceCli.commandCallback = myCommandCallback
$ Disconnect the device and application from the cloud
deviceCli.disconnect()
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