Final code: import

random as rand import

time import

ibmiotf.application

import ibmiotf.device

import sys import imdb

#defining credentials of device

organization = "aa13kc"

deviceType = "NodeMCU"

deviceId = "94294"

authMethod = "token"

authToken = " a-ueqdyc-

3w9l1a5mpz"

def myCommandCallback(cmd):

2 print("Command received: %s" % cmd.data['command'])

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()

```
deviceCli.connect()
while True:
    name= "Child Location"
#latitude= 10.908532
    #longitude= 76.979312

    latitude= 10.952114
longitude= 76.956643



    data = {'name':name,'lat' : latitude,
          'lon': longitude}
    def myOnPublishCallback():
       print("Published all data to IBM Watson :",latitude," ,",longitude)

    success =
deviceCli.publishEvent("Iottracker","json",data,qos=0,on_publish=myOnPublishCallback)
    if not success:        print("Not
connected to IoT Device")
time.sleep(10)

    deviceCli.commandCallback = myCommandCallback

deviceCli.disconnect()
```