Develop the Python Code

ibmiotpy-C:/Usus/afu/Dektop/bmiotpy(3.7.0)

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```
import ibmiotf.application
import ibmiotf.device



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# Initialize GPIO
```

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```
    myCommandCallback(cmd):
    print("Command received:   s" % cmd.data['c


        deviceOptions = {"org"               "type": deviceType, "id": deviceId, "auth   thod": authMethod, '   :h-token": authToken}
        deviceCli = ibmiotf.device.Client(deviceOptions)
```

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    print('Command received: As' t cmd.aata['commana'])


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    print{'Caughs exceprzon connecz*ng device: *s• * str{e})




    #Get Sensor Data from DHT11

    pulse=ranaom.randrnt(0,100)



    data = {"d":{ 'temp' : temp, 'pulse': pulse ,'oxygen': oxygen,"lat":lat,"lon":lon}}

    bef nyonPu6tishCallbac E ( ) :
        prim (• Bubli she ct Teleraure – I u• $ ceeip, •Humifii cy - s 1$• G pukse, •co IBH la cs on• )

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€ D*sconoect the deP*ce ana applicat*on froe the cloud
  deviceCli.disconnect()
```

Browse Action Oevice Types Interfaces

Add Device

• Identity Device information Recent Events State Logs

The recent events listed show the live stream of da•a that is coming and going from chis device.

Event	Vaue	Format	c•st Received
foTSensor	("d":("temp":32,"pulse":8,"oxygen":58,"lat":17,"l...	json	a few seconds ago
loTSensor	("d":("temp":32,"pulse™:8,"oxygen":58,"lat"'.17,"l...	json	a few seconds ago
toTSensor	("d":("temp":32,"pulse":8,"oxygen":58,"lat":17,"l...	jean	a few seconds ago
toTSensor	("d":("temp":32,"pulse":8,"oxygen":58,"lat":17,"l...	|son	a few seconds ago
loTSensor	("d":("temp":32,"pulse":8,"oxygen" :58,"lat":17,"l...	json	a few seconds ago

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'Python J.7.0 Shdl'

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Published Temperature = 32 C Humidity = 8 % to IBM Watson
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* lished Temperature ’ 32 C Humidity - e t to I8m Uac,on

          RESTART: C:/Users/safri/Desktop/ibmiot.py
Connected successfully: d:xqn2dp:weatherdevice:ibm-weather
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Published Temperature = 95 C Humidity = 61 % to IBM Watson
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