Final code

```
import time
import sys
import ibmiotf.application
import ibmiotf.device
#Provide your IBM Watson device credentials
organization ="1tjvme" #replace it with organization ID
devicetype ="abcd" #replace it with device type
deviceId ="1002" #replace with device id
authMethod ="token"
authToken ="1234567890" #replace with token
def mycommandCallback(cmd):
                prin("command received: %s" % cmd.data)
                if cmd.data['command']=='lighton':
                                print("LIGHT ON")
                elif cmd.data['commamnd']=='lightoff':
                                print("LIGHT OFF")
try:
        deviceoptions = {"org":organization, "type": deviceType, "id":deviceId,
"auth-method": authMethod,"token": authToken}
        deeviceCli = ibmiotf.device.clint(deviceoptions)
        #.....


except Eception as e:
        print("Caught exception connecting device: %s" % str(e))
        sys.exit()
```

```
deviceCli.comment()
while True:
        L1=19.1712;
        L2=83.4163;
        #send Latitude & Longitude to IBM Watson
        data ={'d':{ 'lat' :L1, 'lon':L2}}
        #print data
        def mtOnPublishCallback():
            print ("published Latitude =%s C" % L1, "Longitude = %s
%%" % L2, "to IBM watson")


        success = deviceCli.publishEvent("event", "json", data, qos=0,
on_publish=myOnPublishCallback)
        if not sucess:
            print("Not connect to IoTF")
        time.sleep(1)
        deviceCli.commandCallback = mycommandcallback
# Disconnect the device and application from the cloud
deviceCli.disconnect()
```