```
# Provide your IBM Watson Device Credentials organization = "8gyz7t" # replace the ORG ID
deviceType = "weather monitor" # replace the Device type deviceId = "b827ebd607b5" # replace
Device ID authMethod = "token" authToken = "LWVpQPaVQ166HWN48f" # Replace the authtoken
def myCommandCallback(cmd): # function for Callback if cm.data['command'] == 'motoron':
print("MOTOR ON IS RECEIVED")
elif cmd.data['command'] == 'motoroff': print("MOTOR OFF IS RECEIVED")
if cmd.command == "setInterval":
 else:
if 'interval' not in cmd.data:
print("Error - command is missing requiredinformation: 'interval'")
interval = cmd.data['interval']
elif cmd.command == "print":
if 'message' not in cmd.data:
print("Error - commandis missing requiredinformation: 'message'")
else:output = cmd.data['message']
print(output)
try:
deviceOptions = {"org": organization, "type": deviceType, "id": deviceId, "authmethod":
authMethod,
"auth-token": authToken}
                                        deviceCli
exceptException 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:
deviceCli.commandCallback = myCommandCallback
# Disconnect the device and application from the cloud deviceCli.disconnect()
SENSOR.PY
import time import sysimport ibmiotf.application importibmiotf.device
import random
# Provide your IBM Watson Device Credentials organization = "8gyz7t" # replace the ORG ID
deviceType = "weather_monitor" # replace the Device type deviceId = "b827ebd607b5" # replace
Device ID authMethod = "token" authToken = "LWVpQPaVQ166HWN48f" # Replace the authtoken
def myCommandCallback(cmd):
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)
exceptException 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:
```